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DEVELOPMENT OF AIR FORCE
FLIGHT SAFETY MODELS

(4)

Volume 5

F-4D, F-4E, RF-4C
AIRCRAFT

(Includes Documentation for F-4C Model)

October 1975

Prepared for

SERVICE ENGINEERING DIVISION
SAN ANTONIO AIR LOGISTICS CENTER
Kelly Air Force Base, Texas

Under Contract F09603-72-A-1132-SA01

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ARINC RESEARCH CORPORATION

HEADQUARTERS
2551 Riva Road
Annapolis, Maryland 21401

SANTA ANA BRANCH
1222 E. Normandy Place
Santa Ana, California 92702

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ABSTRACT

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A general description of the Flight Safety Prediction Technique, and the documentation associated with its specific application to the F-4C, F-4D, F-4E, and RF-4C aircraft, are presented.

ABSTRACT

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GLOSSARY

This glossary presents general definitions of terms used in this report. The reader will find certain of these terms defined in somewhat different words in the text, depending on the context of the discussion; but the meaning will be consistent with the definitions given here.

- | | |
|---------------------|--|
| Criticality | - A numerical index of the significance of equipment failure history relative to aircraft safety. As an analysis parameter, it can be considered proportional to the likelihood that an item will fail and thereby cause an accident. It is the product of the failure probability and the sensitivity of an equipment item. |
| Dependency | - See link dependency. |
| FSPT | - Flight Safety Prediction Technique |
| Flight Phases | - Discrete segments of the aircraft mission profile. For present purposes, the flight phases are defined as 1) startup and taxi, 2) takeoff, 3) climb, 4) cruise, 5) tactics, 6) cruise, 7) descend, 8) land, and 9) taxi and shutdown. |
| Functional Analysis | - The determination of equipment relationships to aircraft functions performed, and the interrelationships of these functions. |
| Functional Link | - The simplest form of functional relationship in which one function is dependent upon the next lower function. |
| Functional Path | - The compilation of functional links, in sequence, through which a function is identified as being dependent upon another. |
| Link Dependency | - The conditional probability of a dependent function failing, given that a particular function it is dependent upon has failed. |
| Provisory Condition | - Operation of an aircraft in a mode or environment such that the safety-related importance of certain equipments is increased. Provisory conditions include icing, night flight, supersonic flight, etc. |
| Provisory Factor | - The probability that a provisory condition exists. Also used to describe the coded notation used to indicate that a functional relationship is dependent on a particular provisory condition. |
| Safety Sensitivity | - Same as "sensitivity". |

Sensitivity

- A quantitative indication of the degree of safety degradation to be expected if a function or piece of equipment fails. The more specific terms are "functional sensitivity" or "equipment item sensitivity".

Sensitivity Path

- A particular sequence of functional dependencies (beginning at the top level in the hierarchical structure) through which a function or piece of equipment derives a sensitivity value. Equipment and functional sensitivity values are often derived through several such sensitivity paths.

FOREWORD

This document is part of a 16-volume report describing the application to specific aircraft types of ARINC Research Corporation's Flight Safety Prediction Technique (FSPT). The technique was developed under previous Air Force contracts (see Appendix A). The present effort, undertaken in 1972 under Contract F09603-72-A-1132-SA01, has led to further refinement of the FSPT through its broad application to many different types of aircraft. The flight safety models generated for these aircraft are presented in individual volumes of this report as follows:

<u>Volume</u>	<u>Aircraft</u>	<u>Volume</u>	<u>Aircraft</u>
2	T-38	10	B-52G, H
3	F-111A, FB-111A	11	C-130E
4	A-7D	12	KC-135
5	F-4D, E; and RF-4C	13	C-5A
6	C-141	14	T-39
7	A-37	15	F-15
8	O-2	16	UH-1N Helicopter
9	OV-10		

Volume 16 will document the results of a feasibility study of extending the FSPT to rotary-wing aircraft.

Volume 1, an overall summary of the contractual effort, will be issued at the end of the contract period.

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INTRODUCTION

The Flight Safety Prediction Technique developed by ARINC Research Corporation provides for assessment of the impact on flight safety of the failure of specific items of equipment within an aircraft. In the FSPT, mathematical modeling procedures are applied for processing aircraft-equipment failure data to yield a quantified index ranking safety-related problems on the basis of their likelihood of occurrence and the resulting degradation in the aircraft's capability to fly.

The ranking factor is called "criticality", which in its simplest form is the product of the failure probability and flight-safety sensitivity of an equipment. (A more detailed definition appears in Section 2 and Appendix B.) The failure probability inputs are from basic failure-data sources, AFM 66-1 and 65-110. The sensitivity estimates are derived by the following process:

- a. Systematic analysis of aircraft functions to determine those essential to flight safety
- b. Identification of the hardware required to perform these functions
- c. Evaluation of the safety significance of the hardware in performing these essential aircraft functions.

The criticality values resulting from this approach provide a relative ranking of all malfunctions with respect to their safety significance. Figure 1-1 is a simplified example of how three equipment items would be ranked on the combined basis of their failure probability and safety sensitivity. This figure illustrates an example in which item A has the highest failure probability, but due to the low sensitivity value is ranked below item B in criticality.

The methodology has the ability to rank malfunction problems currently and continuously by their accident potential. This ranking, based on criticality assessment, can provide the basic parameters necessary for:

- a. Identifying equipment items whose failure history and application pose a threat to aircraft safety
- b. Quantifying the degree of threat associated with each equipment item
- c. Evaluating and tracking the effectiveness of modifications to the aircraft
- d. Assessing safety benefits versus the cost of proposed aircraft modifications, changes in maintenance or flight operations, or alternative aircraft designs.

In this report, Section 4 and Appendix D pertain specifically to F-4 aircraft. The remainder of the document provides support information that will make the F-4 data, and the method by which the data were obtained, more meaningful to the general reader.

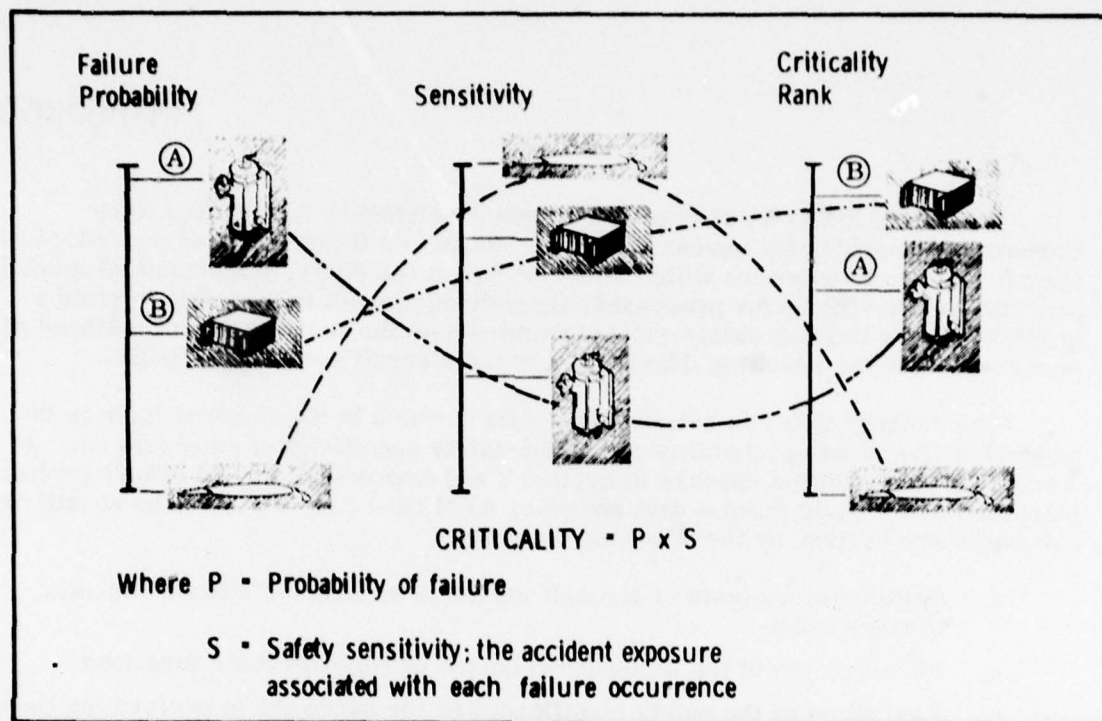


Figure 1-1. Example of Criticality Ranking Process

Section 2 presents an overview of the development and utilization of the Flight Safety Prediction Technique; Section 3 discusses the steps associated with generating a safety model for calculating the safety criticality of various equipments of an aircraft; and Section 4 describes how the safety models for the F-4 aircraft were developed. Appendix A summarizes the contractual history of the development of the FSPT; Appendix B discusses mathematical considerations underlying the technique; Appendix C discusses FSPT documentation methods; and Appendix D presents functional relationship diagrams and a listing of keypunch cards that comprise the safety model documentation for the F-4C, F-4D, F-4E, and RF-4C aircraft.

2 METHODOLOGY UNDERLYING FSPT

This section discusses the basic definitions and mathematical concepts associated with the Flight Safety Prediction Technique.

2.1 DEFINITION OF SAFE AIRCRAFT

To develop a relative measure of aircraft safety degradation resulting from specific equipment malfunctions, it is first necessary to define a "safe" aircraft. For purposes of the FSPT assessments, an aircraft is assumed to be in a safe condition if it is operating within its prescribed performance limits. Conversely, an aircraft operating (or about to operate) outside these limits is considered to be unsafe - in a condition where property damage and personal injury may result.

The safety prediction methodology does not attempt to assess the extent of possible personal injury or aircraft damage resulting from an unsafe condition. Neither does the concept consider ejection capability, parachutes, life rafts, etc., which do not make an aircraft safer per se but provide for the survivability of the aircrew when the aircraft is unsafe. Collision is also excluded from consideration because of the complexity of the interrelationships between pilot, aircraft equipment, ground surveillance, and traffic density.

2.2 MATHEMATICAL BASIS OF FSPT

The probability of an accident caused by the failure of an element can be expressed as the probability of the element failing multiplied by the conditional probability that the failure of the element will cause an accident. Stated in equation form:

$$P(A, j) = P(j)P(A|j) \quad (1)$$

where

$P(A, j)$ = Probability of an accident due to failure of just the j^{th} element*

$P(j)$ = Probability that element j fails

$P(A|j)$ = Probability of an accident given that the j^{th} element fails.

This equation reflects the basic relationships addressed in the FSPT where:

a. The criticality of the j^{th} element is an estimate of $P(A, j)$

b. The sensitivity of the j^{th} element is an estimate of $P(A|j)$

*In this and subsequent discussions, unless otherwise stated, expressions such as "failure of the j^{th} element" should be interpreted to mean: failure of only the j^{th} element, assuming all other elements are not failed.

Because an element's effect on safety may depend on the mission phase (see Section 3.2.1), the above model can be expanded to:

$$P(A, j) = \sum_{k=1}^N P_{j,k} P(A|j, k) \quad (2)$$

where

N = Number of mission phases

$P_{j,k}$ = Probability that the j^{th} element is failed in the k^{th} phase

$P(A|j, k)$ = The j^{th} element's sensitivity in the k^{th} phase.

To identify the importance of discrete elements to aircraft safety, a flight profile consisting of nine distinct phases was defined. The phases are discussed in Section 3.2.1.

To utilize equation 2, it was necessary to develop a method for obtaining the values of $P(A|j, k)$, the probability that a malfunction in element j during mission phase k will result in an accident. This method in turn requires the estimation of two parameters: the probability of accident if a major function is not available during each mission phase, and the dependence of the major function on subfunctions and elements during each such phase*. Each function and equipment item thus derives its sensitivity value from its relationship to the major function(s) dependent upon it.

2.3 SENSITIVITY ASSIGNMENTS

A great deal of information is available on the causes of aircraft accidents, but little exists from which to make the sensitivity assignments $[P(A|j)]$. These assignments are therefore largely subjective, based on the analyst's knowledge of the system and any information he may have on previous accident history. The sensitivity assignments are reviewed (and revised as necessary) by an Air Force/contractor team working on a particular model to ensure that consistent criteria have been followed. The team review and negotiation of sensitivity assignments is the mechanism by which the value becomes sufficiently objective for use with the model. This negotiation considers all of those top level functions as a group and reassigns sensitivity values as necessary to assure that the most objective proportionality is attained for the particular aircraft model. The same major-function sensitivity values are used for major functions on all aircraft models where configuration and mission profiles permit.

The development of criticality rankings for the various elements (j 's) is dependent upon the ability to quantify the failure probability $[P(j)]$ and the element sensitivity $[P(A|j)]$ for each element. Since the intent of the concept is to provide a relative safety ranking of all malfunctions, it is not necessary to develop absolute

*For a more detailed discussion of the mathematics of the FSPT, see Appendix B.

values for $P(A|j)$. If the sensitivity values developed are correct relative to each other, a proper criticality ranking will be established. It is intended that criticality be an index proportional to $P(A, j)$ and therefore provide the same relative rank ordering of elements. The major reasons for proportionality, rather than equality, are:

- a. The FSPT does not account for the effect of extraordinary pilot intervention to prevent an accident in case of equipment malfunction.
- b. Criticality quantification was limited in its treatment of simultaneous occurrence of independent, primary failures.
- c. Operational and malfunction data yield only a proportional estimate of the required information.

While strict proportionality cannot be mathematically proven, it is believed that the criticality rankings provide reasonable relative measures of equipment problem potential.

3 MODEL DEVELOPMENT

Figure 3-1 summarizes the approach to the assessment of flight-safety criticality of aircraft equipment. The first contractor activity is the identification of all functions the aircraft is expected to perform and the determination of their inter-relationships. Next, each functional relationship is documented; and then sensitivity assignments are made at the major functional levels (below these levels, link dependency values are estimated; see discussion, Section 3.2.2). This process is carried out until each work unit code associated with a major function has been identified with respect to the function performed and dependencies have been estimated. Computer processing calculates the safety sensitivity for each work unit coded item, combines these values with the operation and failure data input by the Air Force, and produces the equipment criticality ranking.

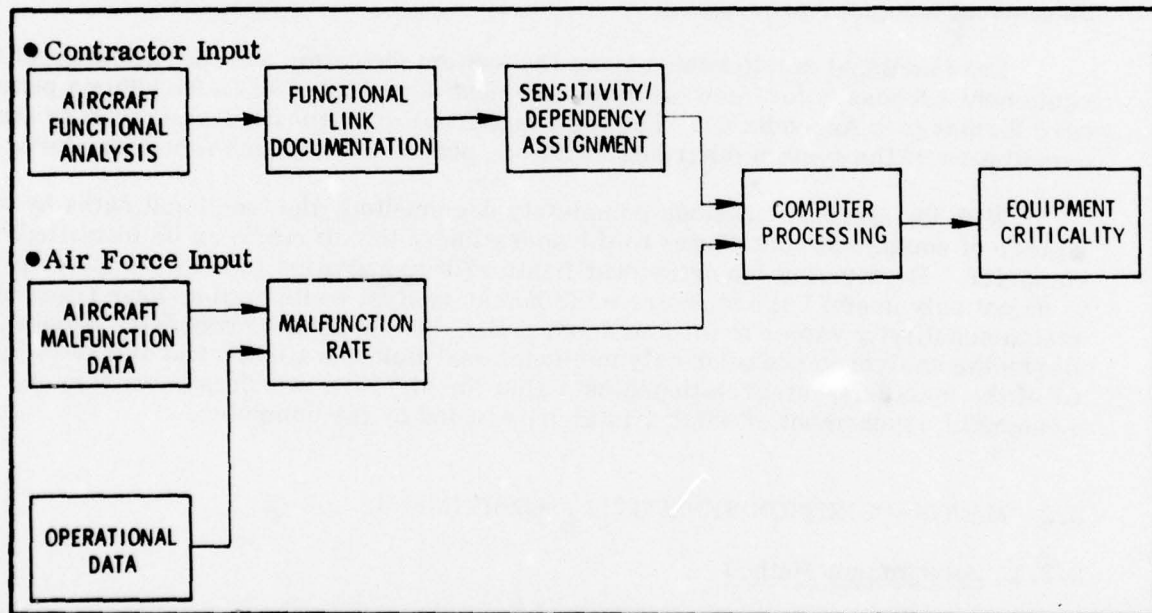


Figure 3-1. Activities and Data Inputs to Flight Safety Criticality Assessment

The steps in this process are discussed in greater detail in the following sections.

3.1 FUNCTIONAL ANALYSIS

Functional analysis entails the systematic identification of the relationships of hardware to the functions performed by the aircraft and documented in the aircraft technical orders. Tabulated for each aircraft function are the equipments necessary for its performance as well as all outputs required for other systems. The complexity of the functional interdependencies of an aircraft requires the use of a systematic

accounting procedure, as discussed below, to assure that all relationships have been identified and that no functional paths have been overlooked.

Certain top-level functions (comprised of both "primary" and "major" functions) have been defined as applicable to all aircraft types, and serve as the starting point for a safety analysis. Figure 3-2 lists these top level functions with the primary function of Flight Control expanded to show its typical major functions. Below the major function level, differences in aircraft types result in function identification and structuring specifically suited to each aircraft. In Figure 3-2, for instance, the major function Roll Control is subdivided into Left Roll and Right Roll, and further into aileron and spoiler actuation subfunctions. This structure is that applicable to an F-4 aircraft, in which ailerons have an extremely limited upward travel and lift is primarily lost through spoiler operation. Finally, each item in the aircraft WUC ("-06") manual is identified with respect to the function it performs.*

Every function and every WUC included in the model receives an "alpha designator" unique to that aircraft model. Due to the large number of alpha designators required in a model, an indenturing system is utilized to prevent duplication. However, the location in the hierarchal structure and the number of characters in the alpha designators are often independent, since such correlation is not necessary for subsequent computer processing.

The functional relationships from the system diagram, and identification of the equipment necessary for each function, are next documented in an 80-column punch-card format (see Appendix C). The total functional diagram for the aircraft is then a compilation of the system diagrams, with one punchcard for each functional link.

With the aircraft functions completely documented, the functional paths by which a piece of equipment contributes to the operation of the aircraft can be identified by computer. Performing the path-identification/documentation task by computer proves to be not only useful but necessary - the human analyst could neither keep track of nor assign sensitivity values to all functional paths. The machine processing capability allows the analyst to consider only one functional link at a time. The ability to follow all of the functional interrelationships within the aircraft, which is necessary for meaningful assessment of safety, is then provided by the computer.

3.2 MAJOR-FUNCTION SENSITIVITY ASSIGNMENT

3.2.1 Assignment Method

As stated earlier, the sensitivity of a function or equipment item is an estimate of the probability that its failure will cause an accident. From functional analysis of the aircraft under consideration, major functions are identified and are assigned sensitivity values for each phase of the mission.

*Certain WUC items in the "-06" manual may not be included in the safety model, these items being either 1) eliminated by TCTOs; 2) purely structural items in the 11000 series; 3) necessary only for survivability or ejection; 4) of lower indenture than the LRU level, where computer data screening eliminates failure reports.

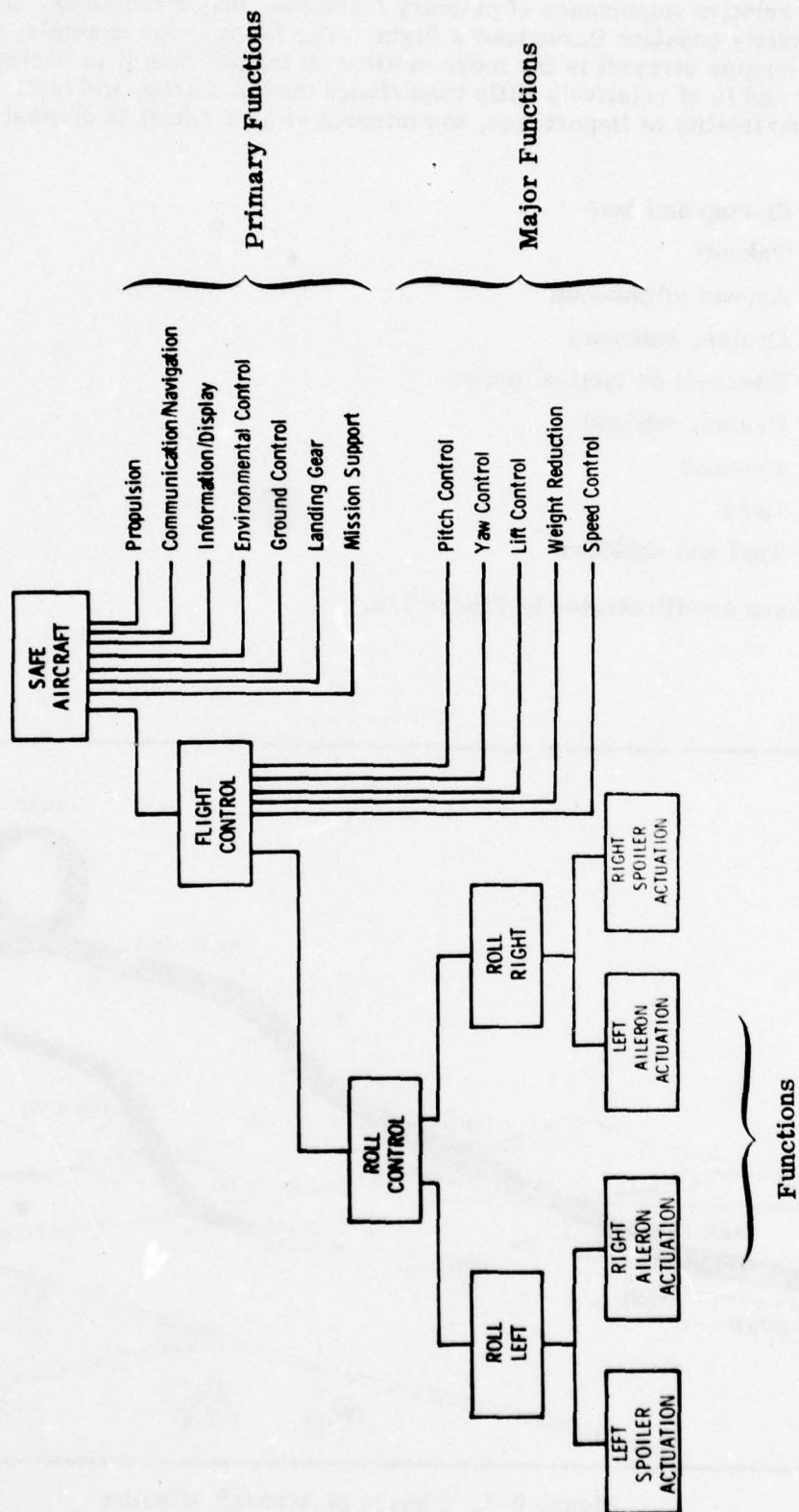


Figure 3-2. Hierarchical Structure of Aircraft Functions

The relative importance of primary functions, major functions, and functions is not necessarily constant throughout a flight. The failure, for example, of one engine of a multi-engine aircraft is far more critical on takeoff than it is during the rest of the flight, and is of relatively little importance during startup and taxi. To accommodate this variability of importance, the mission of an aircraft is divided into nine flight phases:

1. Startup and taxi
2. Takeoff
3. Ascend (climb-out)
4. Cruise, outbound
5. Intercept or tactical phase
6. Cruise, inbound
7. Descend
8. Land
9. Taxi and shutdown

These phases are illustrated in Figure 3-3.

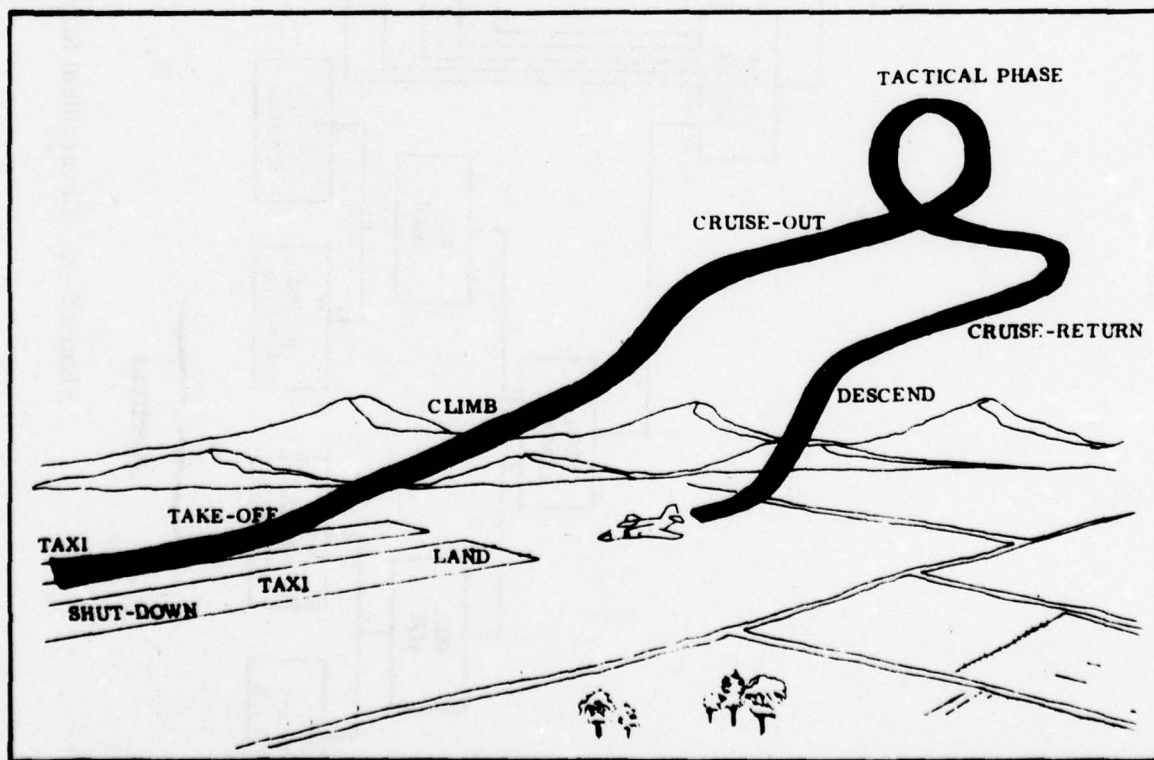


Figure 3-3. Phases of Aircraft Mission

A sensitivity value is assigned for each of the phases, and represents the best estimate of the likelihood that the aircraft will enter a hazardous mode if the function is not present in that phase. The numerical values assigned are proportional rather than absolute, and range from 0.0 to 1.0. The keypunch card format limits this assignment to increments of 0.1. Increments smaller than 0.1, when required, were assigned by defining a quasi-function for insertion between the major function and its dependent primary function.

3.2.2 Link Dependency Assignment

"Link dependency" is defined as the probability that the loss of a function will result in the loss of a dependent function. (For a more detailed discussion of this term, see Appendix B.) The assignment of link dependency values requires knowledge of the operation of specific aircraft because it is concerned only with functional levels below the "major" category. At this lower level, no evaluation is made of the impact on flight safety of the loss of functions. Instead, the effect of the loss of one function on the performance of another function becomes the evaluation criterion. Like sensitivities, link dependency values are assigned in increments of 0.1. Additionally, the method of attenuation used in assigning sensitivity values can also be applied to link dependencies.

3.2.3 Provisory Factors

The sensitivity of major functions with respect to aircraft safety, and at the lower levels the link dependency between functions, can be dependent on external influences and aircraft operating conditions. To accommodate these external influences, a set of provisory factors has been identified. An example would be a windshield anti-ice system, which has a safety sensitivity close to 1.0 during landing under icing conditions but a negligible effect on a dry, warm day.

Under such circumstances, the procedure is to assign the "worst case" value (assuming the condition exists). During model exercise the likelihood that the condition exists can be "read-in", thereby allowing the sensitivity value to be assigned by the computer based on the likelihood of the condition and the probability that the higher level function will therefore be lost. Table 3-1 lists the standard provisory factors used in FSPT models.

3.2.4 Computer Processing

Documentation of a flight safety analysis by ARINC Research thus consists of functional diagrams, coded functional tabulations, a functional data processing card deck, and a machine-prepared printout of the card deck data. Under this contract, the documentation is then sent to San Antonio Air Logistics Center for review by MMER personnel and representatives of the Air Logistics Center responsible for the particular aircraft (if other than SA/ALC).

SA/ALC processes the functional data card deck utilizing a number of computerized operations. First, a functional deck edit is accomplished to identify certain format or logic errors that may exist. Next, a path identification/documentation run is made that traces all possible paths associated with each function and calculates the numerical sensitivities by flight phase down to the WUC level. Then, a path combination run is made taking into account the dependence of more than one major function on a particular WUC. Finally, failure information from the 66-1 data system and numerical factors for provisory conditions are input and a WUC criticality list by rank order is generated by the computer.

TABLE 3-1. PROVISORY FACTOR CODES

Code	Provisory Condition
A	Icing conditions
B	Adverse speed/altitude operations
C	Runway stopping distance/confined area (Helicopter)
D	Night operation
E	IFR conditions
F	Supersonic flight
G	Rain
H	Solo flight
I	Loss of function for which indication is provided
K	Normal system failed
T	Flame-out
X	Fire
Y	Cold weather
2	One of three available units is required
3	Two of three available units are required
4	One of four available units is required
5	Two of four available units are required
6	Three of four available units are required
8	Four of eight available units are required

An additional product generated by the computer is a two-part criticality trend analysis. Part I contains the criticality rankings and linear regression analysis by WUC for the previous 12 months. Part II contains plots of the criticalities and regression lines for the 25 WUCs top-ranked according to safety criticality.

3.2.5 Model Maintenance

Each time an aircraft type for which a safety model has been developed undergoes a modification, the effects of the changes on the model must be evaluated. Technical order and WUC revisions must be incorporated into the model. Removal of existing hardware, the installation of new hardware, or design improvements may change link dependencies and sensitivity assignments. The update procedure should follow the same general steps as outlined for the initial analysis effort.

Existing block diagrams and a printout of the functional card deck form the baseline for change identification. Functional relationships should be reviewed to determine the impact of changes on the documented safety analysis. Diagrams should be revised to reflect functional differences, WUC changes should be noted, and all differences listed on a flight-safety functional tabulation sheet. The functional deck printout can be used for manual indication of what the changes are and where they occur. New data cards are prepared and the functional deck updated by the removal of obsolete cards and the insertion of new cards. From this point on, the computer is again utilized to edit the functional deck, perform path identification/documentation, and calculate sensitivities for each WUC.

Block diagrams and other affected portions of the specific aircraft safety analysis report should be updated and revised pages issued that reflect these changes. Maintaining an accurate and updated model is important to obtaining an accurate assessment of the safety significance of hardware failures.

F-4 MODEL DEVELOPMENT

The FSPT models for the F-4 aircraft have been developed under two contracts. The first contract (F41608-71-C-0576) covered the F-4C aircraft and was completed in June 1971. Results of this effort are documented in ARINC Research publication 697-01-1-1118.

The second (present) contract applies to the F-4D, F-4E and RF-4C aircraft. Model development on these aircraft was initiated in August 1973, and the completed documentation was submitted to SA/ALC for computer edit in February 1974.

While there was no requirement to rework the F-4C model under this contract, some changes were made to update the model to the latest work unit code manual (T.O. 1F-4C-06, dated 1 July 1973), and to incorporate some improved modeling techniques developed subsequent to the F-4C modeling effort. Appendix D of this publication includes the documentation for all four of the subject F-4 models.

The aircraft flight manual and maintenance technical orders provided the information on aircraft system operation. The models developed represent the F-4 aircraft configured to the latest time compliance technical orders documented in the manuals supplied by SA/ALC. Tables 4-1 through 4-3 list the manuals and their revision status applicable to the developed models.

The F-4 safety models were developed by ARINC Research for all systems except the landing gear. The landing gear diagram and functional documentation cards were produced by MMER/OO/ALC (Ogden Air Logistics Center), and interface documentation for the landing gear was a joint effort by OO/ALC and ARINC Research.

Because of the vulnerability of the functional logic/sensitivity documentation to such errors as omission of links, duplication of cards, and keypunching, quality reviews were conducted at various critical points in the model development. In addition to keypunch verification, each card was checked against the functional link shown on the original rough draft and the final functional diagram and the diagrammed link was checked off. Missing or duplicated functional links were thus identified. Work unit codes used in the model were checked off against the WUC manual to assure completeness.

The quality reviews were first conducted by the organizations responsible for the subsystems prior to merging and computer verification of the respective aircraft decks by SA/ALC. Following the merging of the Air Force/ARINC Research decks and computer verification at SA/ALC, a second quality review was performed by ARINC Research and the OO/ALC. Finally, the first criticality printout obtained from application of actual aircraft data was reviewed to identify any items whose sensitivity appeared to be unreasonable. In such cases the paths were traced manually and changes made if an erroneous relationship was found.

Appendix C presents the methods and standards used in documenting an FSPT aircraft model. Appendix D presents the FSPT documentation for the four versions of the F-4 aircraft which covers both the OO/ALC and ARINC Research portion of the models.

TABLE 4-1. F-4D SYSTEM DOCUMENTATION

Publication No.	Title	Revision/Date
1F-4C-1	Flight Manual	Change 4, 7 Aug 1973
1F-4D-2-1	Aircraft General	Change 1, 1 Sept 1972
1F-4D-2-2	Ground Handling, Servicing, and Airframe Maintenance	Change 3, 1 May 1973
1F-4D-2-4	Flight Control Systems	Change 5, 1 May 1973
1F-4D-2-5	Landing Gear and Related Systems	Change 2, 1 April 1973
1F-4D-2-6	Pneudraulic Systems	Change 4, 1 April 1973
1F-4D-2-7	Utility Systems	Change 4, 1 May 1973
1F-4D-2-8	Power Plant	Change 3, 1 June 1973
1F-4D-2-9	Air Induction Systems	Change 2, 1 April 1973
1F-4D-2-10	Fuel Systems	Change 4, 1 May 1973
1F-4D-2-11	Instrument Systems	Change 3, 1 May 1973
1F-4D-2-12	Air Data Computer Set	Change 4, 1 May 1973
1F-4D-2-13	Electrical Systems	Change 3, 1 May 1973
1F-4D-2-14	Integrated Electronic Central, Radar Altimeter, Radar Beacon System, Speech Security System	Change 1, 1 Feb 1973
1F-4D-2-15	Navigation Systems	Change 2, 1 Feb 1973
1F-4D-2-16	Automatic Flight Control System	Change 3, 15 April 1973
1F-4D-2-17	Avionics Navigation Instrument Systems	Change 4, 1 Feb 1973
1F-4D-2-18	Armament System	Change 1, 1 Dec 1972
1F-4D-2-22	Systems Integration	Change 2, 1 Oct 1972
1F-4D-2-23	Wiring Diagrams	Change 19, 1 April 1973
1F-4D-2-31	Coin System and Related Equipment	Basic, 1 April 1971
1F-4D-06	Work Unit Code Manual	Change 1, 1 Jan 1973

TABLE 4-2. F-4E SYSTEM DOCUMENTATION

Publication No.	Title	Revision/Date
1F-4C-1	Flight Manual	Change 4, 7 Aug 1973
1F-4E-2-1	Aircraft General	Change 2, 1 April 1973
1F-4E-2-2	Ground Handling, Servicing, and Air-frame Maintenance	Change 2, 1 Feb 1972
1F-4E-2-3	Seat and Canopy Systems	Change 1, 15 Jan 1973
1F-4E-2-4	Flight Control Systems	Change 2, 15 Jan 1973
1F-4E-2-5	Landing Gear and Related Systems	Change 4, 15 Mar 1973
1F-4E-2-6	Pneudraulic Systems	Change 2, 1 Dec 1972
1F-4E-2-7	Utility Systems	Change 4, 15 Mar 1973
1F-4E-2-8	Power Plant	Change 2, 15 Feb 1973
1F-4E-2-9	Air Induction Systems	Change 3, 15 Mar 1973
1F-4E-2-10	Fuel Systems	Change 3, 1 Feb 1973
1F-4E-2-11	Instrument Systems	Change 4, 15 Mar 1973
1F-4E-2-12	Air Data Computer Set, Altitude Encoder Unit and Associated Pitot Static and Avionic Instruments	Change 4, 1 April 1973
1F-4E-2-13	Electrical Systems	Change 5, 1 April 1973
1F-4E-2-14	Integrated Electronic Central, Radar Altimeter, Radar Beacon System, Speech Security System, Target Identification System Electro-Optical (TISEO)	Change 4, 1 May 1973
1F-4E-2-15	Navigation Systems	Change 2, 15 Feb 1973
1F-4E-2-16	Automatic Flight Control System	Change 5, 1 May 1973
1F-4E-2-17	Avionics Navigation Instrument Systems	Change 6, 15 Mar 1973
1F-4E-2-18	Armament Systems	Change 2, 15 Nov 1972
1F-4E-2-22	Systems Integration	Change 2, 1 April 1973
1F-4E-06	Work Unit Code Manual	Change 1, 1 Jan 1973

TABLE 4-3. RF-4C SYSTEM DOCUMENTATION (Sheet 1 of 2)

Publication No.	Title	Revision/Date
1F-4(R)C-1	Flight Manual	Change 2, 26 Feb 1973
1F-4(R)C-1-1	Performance Data Manual	Change 9, 15 Aug 1972
1F-4(R)C-2-1	Aircraft General	Change 1, 15 Oct 1972
1F-4(R)C-2-2	Ground Handling, Servicing, and Airframe Maintenance	Change 2, 1 Mar 1973
1F-4(R)C-2-3	Seat and Canopy Systems	Change 1, 15 Jan 1973
1F-4(R)C-2-4	Flight Control Systems	Change 3, 15 Mar 1973
1F-4(R)C-2-5	Landing Gear and Related Systems	Change 4, 15 Mar 1973
1F-4(R)C-2-6	Pneudraulic Systems	Change 4, 15 April 1973
1F-4(R)C-2-7	Utility Systems	Change 5, 15 Mar 1973
1F-4(R)C-2-8	Power Plant	Change 4, 1 May 1973
1F-4(R)C-2-9	Air Induction Systems	Change 2, 15 Mar 1973
1F-4(R)C-2-10	Fuel Systems	Change 2, 15 Feb 1973
1F-4(R)C-2-11	Instrument Systems	Change 5, 15 Mar 1973
1F-4(R)C-2-12	Air Data Computer Set, Altitude Encoder Unit and Associated Pitot Static and Avionic Instruments	Change 5, 15 Mar 1973
1F-4(R)C-2-13	Electrical Systems	Change 3, 15 Feb 1973
1F-4(R)C-2-15	Navigation Systems	Change 3, 15 Feb 1973
1F-4(R)C-2-16	Automatic Flight Control System	Change 4, 15 Mar 1973
1F-4(R)C-2-17	Avionics Navigation Instrument Systems	Change 3, 15 Dec 1972
1F-4(R)C-2-18	Armament Systems	Change 1, 1 Mar 1973
1F-4(R)C-2-22	Systems Integration	Change 2, 1 Jan 1973
1F-4(R)C-2-25	Forward Looking Radar and Electronic Altimeter Systems	Change 1, 1 Nov 1972
1F-4(R)C-2-26	Radar Mapping System	Change 2, 1 May 1973

TABLE 4-3. (Sheet 2 of 2)

Publication No.	Title	Revision/Date
1F-4(R)C-2-27	Photographic Reconnaissance and Data Display Systems	Change 1, 15 Mar 1973
1F-4(R)C-2-31	HF Radio and Sound Recorder Systems	Change 2, 1 April 1973
1F-4(R)C-06	Work Unit Code Manual	Change 1, 1 Jan 1973

APPENDIX A
HISTORICAL SUMMARY OF FSPT

HISTORICAL SUMMARY OF FSPT

In 1965, the desirability and practicability of quantifying the significance of specific equipment malfunctions relative to flight safety was explored in a feasibility study conducted by ARINC Research Corporation for the Air Force. The feasibility of a safety-quantification approach, which has subsequently become known as Flight Safety Prediction Technique (FSPT), was demonstrated; and the method was developed and refined in a series of studies, as follows:

<u>Study Phase</u>	<u>Subject/Date</u>	<u>Sponsor*/Publication No.</u>
I	Feasibility Study, September 1965 to June 1967 (Phase I)	Sacramento Air Materiel Area (SMNE), Contract AF09(603)62335, SM-67-2; publication 705-01-1-777
II-A	Technique Development, October 1967 to July 1968 (Phase II-A)	San Antonio Air Materiel Area (SANEW), Contract AF09(603)-67-A-0267-SA01; publication 734-01-1-895
II-B	Technique Development, July 1968 to July 1969 (Phase II-B)	San Antonio Air Materiel Area (SANEW), Contract F09(603)-68-A-0317-SA01; publication 754-01-1-985 (Revision 1)
	FSPT System Documentation for the F-4C and T-37 Aircraft, October 1970 to June 1971	San Antonio Air Materiel Area (MMER) Contract F41608-71-C-0576; publication 697-01-1-1118

In the Phase II-B study, the FSPT was applied to the F-106 aircraft. Concurrent with Phase II-B, the U.S. Naval Safety Center contracted ARINC Research to extend the methodology to produce a flight safety criticality model for the F-4J aircraft. The results of this effort are documented in ARINC Research Publication 753-01-3-982 (Revision 1).

In 1970, ARINC Research was contracted to develop suitable input data to permit the application of the technique to the T-37 and F-4C aircraft. These data were derived in the form of mathematical model functional documentation as input to the basic computer program developed and applied to the F-106.

In 1972, ARINC Research Corporation was awarded a contract, with the subsequent modifications in 1973 and 1974, to apply the Flight Safety Prediction Technique to 15 aircraft, working jointly with cognizant Air Logistics Centers. Aircraft to which the FSPT has been applied under this latter contract (F09603-72-A-1132-SA01) include:

- a. T-38
- b. F-111A and FB-111A

*The office symbols of Service Engineering at the Sacramento and San Antonio Air Materiel Areas are now SM/ALC/MME and SA/ALC/MME, respectively.

- c. A-7D
- d. F-4D, E; RF-4C
- e. C-141
- f. A-37
- g. O-2
- h. OV-10
- i. B-52G, H
- j. C-130E
- k. KC-135
- l. C-5A
- m. T-39
- n. F-15
- o. UH-1N Helicopter*

*Feasibility study of adaptation of FSPT to rotary-wing aircraft.

APPENDIX B
FORMULATION OF CRITICALITY-ASSESSMENT TECHNIQUE

FORMULATION OF CRITICALITY-ASSESSMENT TECHNIQUE

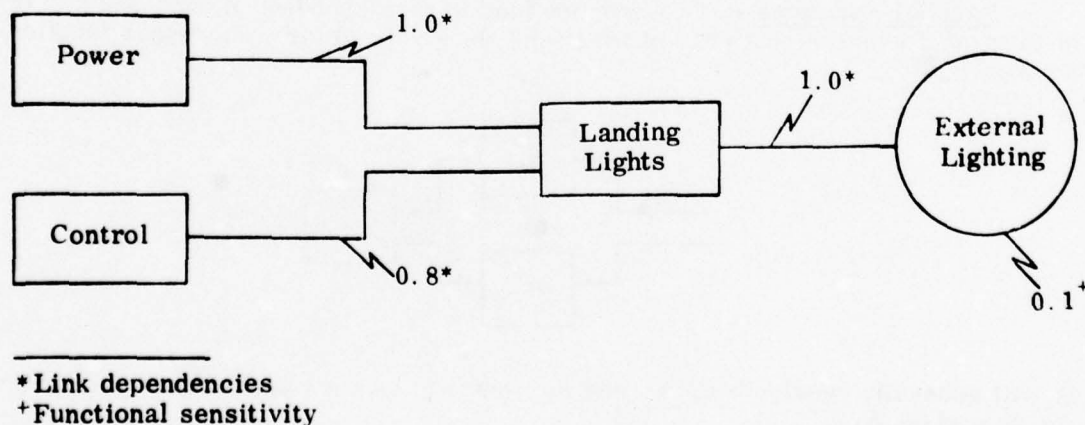
To implement the basic safety model defined in Section 2.2, it is necessary to develop a submodel for the probability that a malfunction in element j during mission phase k will result in an accident. This submodel in turn requires that we estimate two parameters: the probability of accident if a major function is not available during each mission phase, and the dependence of the major function on element j during each mission phase.

The first parameter is termed "functional sensitivity" and is estimated for each major function. The functional analysis performed in this task established for an aircraft the following hierarchal scheme:

Aircraft
Primary functions
Major functions
Function
Elements (Work Unit Codes)

A primary function would be one such as Flight Control. Major functions under Flight Control would include Pitch Control and Yaw Control.

The second parameter, "link dependency," is a vehicle for showing the influence of each functional-path element on the performance of a major function. For example, if the major function being considered is External Lighting, the following diagram illustrates the nature of functional sensitivity and link dependency values.

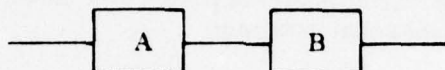


The 0.8 value means that failure of the Control function will result in loss of the Landing Light function 80% of the time. The 0.1 functional sensitivity value denotes that loss of external lighting will result in an accident 10% of the time. The values must be interpreted in a proportional sense, in that the actual accident probability is dependent upon external factors (see Section 3.2.3).

The remainder of this appendix discusses the procedures and model used to obtain element sensitivities; e.g., in the above example, the accident probability given that a Work Unit Code in the Control function malfunctions.

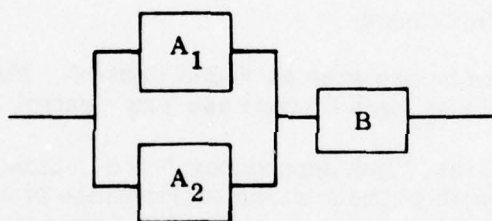
Three principal types of functional relationship--series, redundant, and parallel--were identified as representing the major forms to consider in modeling element sensitivity.

Series Relationship -- A function having only one input. Schematically,



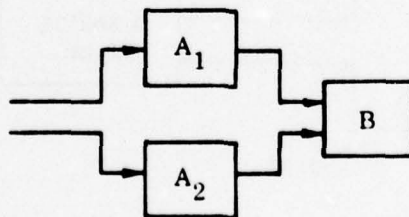
which indicates that outside of its own elements, the success of function B is only affected by the success of function A.

Functional Redundancy -- A function having one or more backup functions that can provide the required inputs to successor functions. Schematically,



where A_1 and A_2 represent a functional redundancy in that either may provide the necessary input to B.

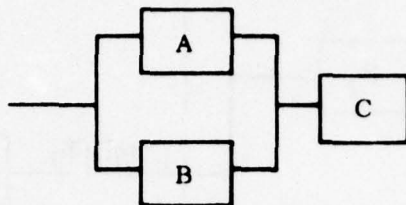
Parallel Functions -- Two or more functions independent of each other in terms of functional success, but each of which may be required for a successor function. Schematically,



B will generally require both A_1 and A_2 ; but A_1 does not depend on A_2 , nor does A_2 depend on A_1 .

In some cases the distinction between functional redundancy and parallel paths is very slight, and may depend on mission phase. For example the four engines of a plane can be considered to be a redundant configuration providing inputs to the primary propulsion function during cruising, but would generally be considered to be parallel functions during takeoffs requiring full power.

In general, given a schematic relationship of the form,

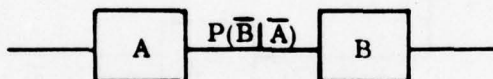


we can say that A and B are in a functionally redundant configuration if the success probability of C is the same if 1) A and B are successful, 2) A only is successful, or 3) B only is successful. If, for example, C is more likely to be successful if both A and B are successful, rather than A or B alone, then the relationship is one of parallel paths.

It is noted that the model will also account for element redundancy and parallel elements through inputs such as $P(\bar{A}|i_a)$, representing the probability that the Ath function fails given that the i_a^{th} element in A has failed. If i_a is a parallel element, the probability would depend on mission requirements and other parallel-element states.

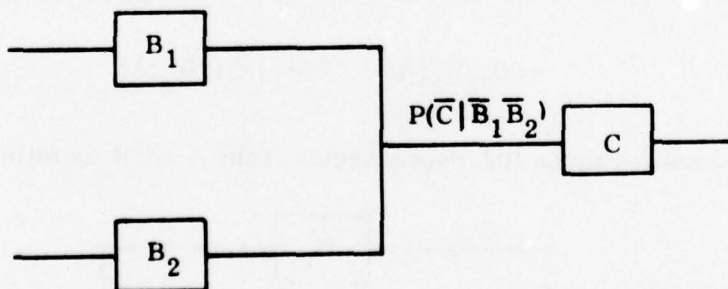
Link dependency is the conditional probability of a functional failure, given the failure of immediate predecessor functions. The link dependencies applicable to the three basic designs defined above are shown below.

Series Relationship

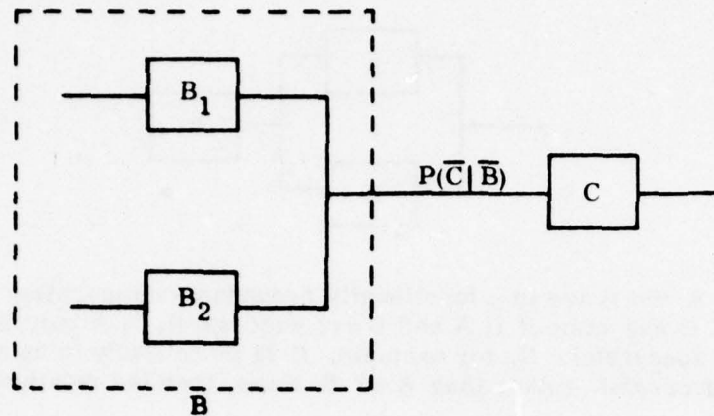


Link dependency = $P(\bar{B}|\bar{A})$ = probability that B fails given that A fails.

Functional Redundancy

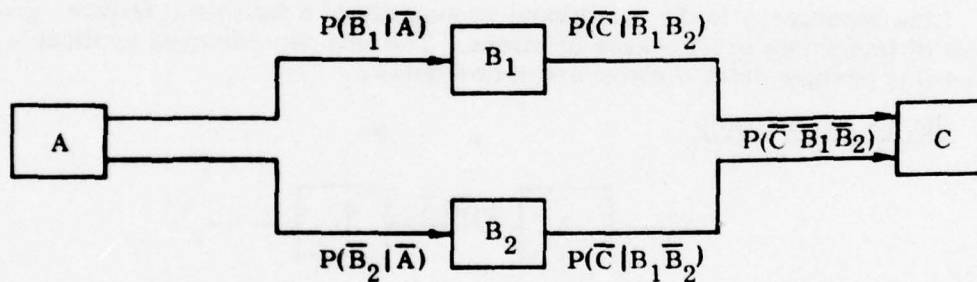


equivalent to



where $\bar{B} = \bar{B}_1 \bar{B}_2$

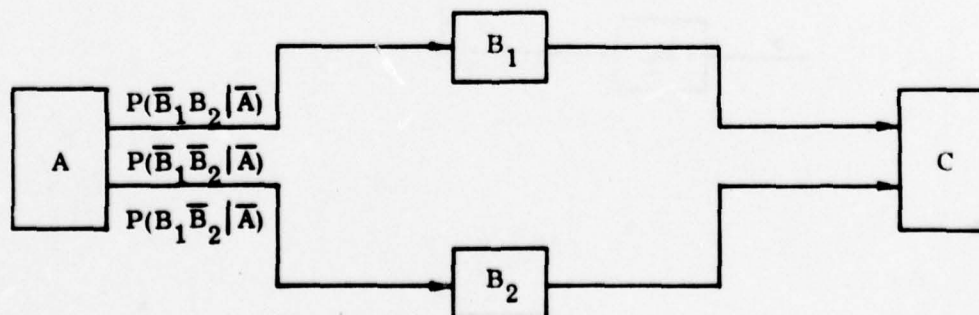
Parallel Functions



We shall generally assume that the dependencies of B_1 with respect to A , and of B_2 with respect to A , are independent of each other, so that

$$P(\bar{B}_1 \bar{B}_2 | \bar{A}) = P(\bar{B}_1 | \bar{A}) P(\bar{B}_2 | \bar{A})$$

We then can consider three link dependencies from A to B as follows:



noting that

$$P(\bar{B}_1|\bar{A}) = P(\bar{B}_1 B_2|\bar{A}) + P(\bar{B}_1 \bar{B}_2|\bar{A})$$

$$P(\bar{B}_2|\bar{A}) = P(B_1 \bar{B}_2|\bar{A}) + P(\bar{B}_1 \bar{B}_2|\bar{A})$$

Models are shown below for determining the sensitivity of elements within a function for each of the three basic designs. The following basic assumptions apply:

- a. Except for cases where an element has a redundant or parallel counterpart or is located in a function with a redundant or parallel function, only the element under consideration shall be assumed to have failed initially. Thus the expression $P(A|i_a)$, representing the accident probability given failure of the i th Work Unit Code element, is based on the assumption that no other element has failed unless element i is in some redundant or parallel configuration. For cases in which there are redundant or parallel counterparts, failures of such counterpart elements or functions are considered in accordance with their occurrence probabilities.
- b. The success of all immediate predecessors ensures the success of a function, provided that the function experiences no element failures. Thus for the series function relationship



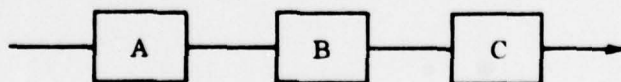
we assume

$$P(\bar{B}|A) = 0,$$

provided B experiences no element failures. If an element in function A is under consideration, the latter provision is always true by assumption "a."

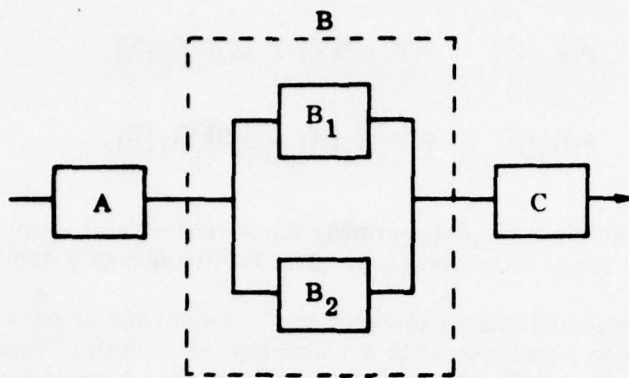
The element sensitivity models are:

Series Relationship



$$P(A|i_a) = P(\bar{A}|i_a)P(\bar{B}|\bar{A})P(\bar{C}|\bar{B})P(A|\bar{C})$$

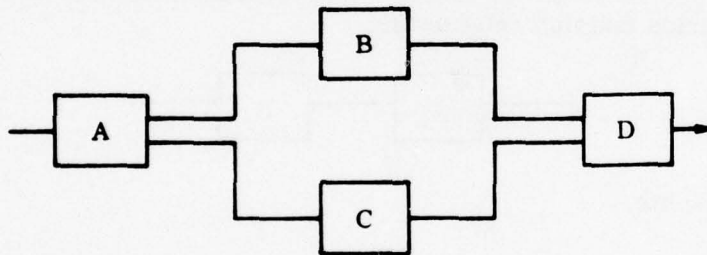
Functional Redundancy



$$P(\mathcal{A}|i_a) = P(\bar{A}|i_a)P(\bar{B}|\bar{A})P(\bar{C}|\bar{B})P(\mathcal{A}|\bar{C})$$

$$P(\mathcal{A}|i_{b1}) = P(\bar{B}_1|i_{b1})P(\bar{B}_2)P(\bar{C}|\bar{B})P(\mathcal{A}|\bar{C})$$

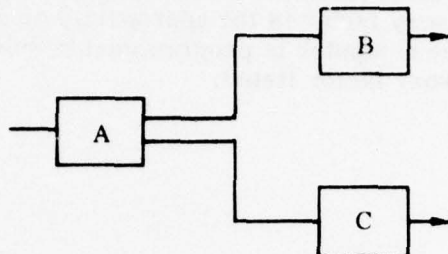
Parallel Functions



$$P(\mathcal{A}|i_a) = P(\bar{A}|i_a) \{ P(\bar{B}C|\bar{A})P(\bar{D}|\bar{B}C) + P(B\bar{C}|\bar{A})P(\bar{D}|B\bar{C}) \\ + P(\bar{B}\bar{C}|\bar{A})P(\bar{D}|\bar{B}\bar{C}) \} P(\mathcal{A}|\bar{D})$$

$$P(\mathcal{A}|i_b) = P(\bar{B}|i_b) \{ P(\bar{C}|i_b)P(\bar{D}|\bar{B}\bar{C}) + P(C|i_b)P(\bar{D}|B\bar{C}) \} P(\mathcal{A}|\bar{D})$$

A case not explicitly included in the above three basic functional relationships is one for which a function is in two paths, e.g.,



then

$$P(A|i_a) = P(\bar{C}|i_a)P(B|i_a)P(A|\bar{C}B) + P(C|i_a)P(\bar{B}|i_a)P(A|C\bar{B}) \\ + P(\bar{C}|i_a)P(\bar{B}|i_a)\{1 - P(A|\bar{C})P(A|\bar{B})\}$$

where it is assumed that the effects of loss of the major functions in accident occurrence are independent of each other.

Use of Numerical Provisory Factors for Partially Redundant Systems

The numerical provisory factors (see Table 3-1) are used where more than two identical functions are involved in a redundancy. For example, aircraft with more than two engines often have identical and independent systems for hydraulic pressurization, and for electrical power generation, one driven by each engine. If the aircraft can be operated safely with one or more of such systems in a failed state, one of the numeric codes is utilized in assigning link dependency values. Consider, for example, the following:

If N identical and independent units* are available and at least M are required for safe operation, where $0 < M < N$, then the provisory factor of a given unit, say U_j , is the probability that the failure of U_j will cause the aircraft to enter an unsafe state. This is the probability that exactly $M-1$ of the remaining $N-1$ units will be in an unfailed state. This probability can be calculated by the formula for the binomial distribution, and is given by

$$P(U_j) = \binom{N-1}{M-1} p^{(M-1)} q^{(N-M)}$$

where $P(U_j)$ = probability that failure of the j^{th} unit will cause the aircraft to enter an unsafe state, and

M = Number of units required

N = Number of units available

p = Probability that a single unit will be in an unfailed state

q = Probability that a single unit will be in a failed state or $(1-p)$

*Units may be either elements, element assemblies, or functions.

Assignment of link dependencies to N identical and independent units of which only M are required proceeds as follows. The value assigned to each unit is the dependency of the higher level function on receiving an output from M of the units (usually 1.0). The provisory factor is the appropriate numeric code. In the evaluation of the path sensitivity, the computer is programmed to select the binomial formula that corresponds to the provisory factor listed.

APPENDIX C
FSPT DOCUMENTATION METHODS

FSPT DOCUMENTATION METHODS

Because of the extreme complexity of aircraft, it is necessary to develop a computerized method to identify and document all possible paths associated with each function as well as to determine the safety sensitivity associated with each path. A computer routine has been devised that takes the data from the functional card deck and traces and documents all paths. For each WUC, it also computes the flight-phase sensitivities for each path in which the WUC is present. The resulting computer printout provides a combined functional path sensitivity.

C.1 ALPHA CODING

As each system of the aircraft is functionally diagrammed, the functional blocks are assigned an "alpha code". This code aids the analyst in the bookkeeping tasks of functional diagramming and provides the computer with an identification of the elements to be processed. For standardization among aircraft, nine top-level functions have been defined and each has been assigned an initial or first-alpha designator. Each block in the functional diagram carries the same initial alpha as the top level function. Subsequent letters added to the initial alpha uniquely identify each block.

The only restrictions placed on the assignment of alpha codes are that:

- a. All characters in a code must be a letter of the alphabet, and
- b. The maximum number of characters in one code is seven.

C.2 ALPHA CODING AND COMPUTER PROGRAM COMPATIBILITY

Additional rules for alpha coding required to obtain the desired results from computer processing include:

- a. When a WUC item operates in the same mode to perform more than one function, the same alpha code is used in each application.
- b. When a WUC item operates in a different mode to perform each of more than one function, a different alpha designator is assigned for each operating mode.

C.3 FUNCTIONAL TABULATION

The "Flight Safety Functional Tabulation" sheet is used to code the safety model for keypunching. The sheets are coded as follows (refer to Figure C-1) for an example).

- a. Columns 1 through 3. Used to identify the aircraft represented by the model. For certain aircraft modeled under this contract more than one model - designation series MDS - was included. For instance, a single functional deck was created for four MDSs of the F-4 aircraft. Cards with "F4*" in columns 1-3 were common to all aircraft. For example,

* = blank

when these cards are combined with those carrying "F4E" in columns 1-3, then it produces an F-4E FSPT model deck.

- b. Columns 4 through 31. Contain the title of the function or the WUC item.
- c. Columns 32 through 36. Contain the left-justified WUC number.
- d. Columns 37 and 38. Blank
- e. Columns 39 through 46. Contain the assigned alpha designator for the function and/or the WUC. Column 39 contains either an L or an R, or is blank. The L and R designate left and right for those instances when the function and/or WUC pertains to the left or right side of the aircraft.
- f. Columns 47 and 48. Blank.
- g. Columns 49 through 55. Normally left blank, but are used after a deck is operational to substitute the data on a card for that stored in the computer by punching the line record number in this field.
- h. Columns 56 through 63. Identify the dependent functions for either the function or specific WUCs being coded. Column 56 may contain L, R or blank for the same purpose as that of column 39.
- i. Column 64. Contains the alphanumeric code of the "provisory factor" applicable to the link value assigned.
- j. Columns 65 through 69. Contain the alpha designator of a function that is an alternate for the function being coded. (Column 65 is used for "L" or "R" as in Column 39.) The presence of the "alternate alpha" flags the importance of the link dependency as being affected by the success probability of the alternate function.
- k. Column 70. Contains the work unit code dependency value (1 = 0.10; 2 = 0.20;A = 1.0). This value is applicable to all flight phases.
- l. Column 71. Contains special instructions to the computer through the use of letters F, S, or being blank. Cards with an "S" or "blank" in column 71 are used in sensitivity computations. Cards with an "F" document a functional relationships which, although present in the system, would produce an erroneous sensitivity value when combined with other nonindependent paths (having the same function in common at some higher level). The "F" prevents the computer from including the link in the sensitivity calculations.
- m. Columns 72 through 80. Contain functional dependencies for each of nine flight phases as described in Section 3.2.1 of the text. Coding is the same as for column 70.

C.4 DIAGRAM CONSTRUCTION

The diagrams produced under the contract document the functional inter-relationship of the aircraft systems considered in the model. In the interest of extending the useful life of the diagrams, WUC items are not shown, thereby eliminating the necessity of updating the diagrams with each (and sometimes frequent) change to the WUC manual.

As discussed earlier in this report, the diagrams represent the hierarchal structure of the paths from which the sensitivity values are derived. The diagrams, although consistent with the system schematic and reliability block diagrams, are not equivalent due to this hierarchal method of documentation. In the actual system, signals and/or fluids pass from one component to the next and are thus documented in schematics; conversely, the hierarchal approach only identifies the components that must operate to achieve a given function, independent of the direction and/or sequence of signal flow. This approach directly addresses the system impact of a component failure without the necessity of identifying the intrasystem secondary failures. Each line connecting functions on the diagram is documented by a punchcard, with the lower function providing the "alpha designator" and the higher function's alpha designator indicator as the "dependent function".*

*The card deck also documents functional relationships not shown on the diagram; the work unit codes (mentioned earlier) and the "S" cards discussed in paragraph C.3.1.

APPENDIX D
FSPT DOCUMENTATION OF F-4 AIRCRAFT

FSPT DOCUMENTATION OF F-4 AIRCRAFT

This appendix contains the functional relationship diagrams and a listing of the keypunch cards that comprise the documentation of the F-4C, F-4D, F-4E and RF-4C safety models.

D.1 DIAGRAMS

The diagrams illustrating the functional relationships considered in the F-4 safety models will be found on pages D-5 through D-41, and are listed below:

<u>Title</u>	<u>Page</u>
Propulsion, B-1	D-5
Propulsion, B-2	D-6
Propulsion Fuel, B-3	D-7
Propulsion Utilities, B-4	D-8
Com/Nav/Ident, C-1	D-9
Com/Nav/Ident, C-2	D-10
Com/Nav/Ident, C-3	D-11
Information & Display, D-1	D-12
Information & Display, D-2	D-13
Information & Display, D-3	D-14
Information & Display, D-4	D-15
Information & Display, D-5	D-16
Information & Display, D-6	D-17
Environmental Control, E-1	D-18
Air Cond/Pressure, E-2	D-19
Equipment Air Conditioning, E-3	D-20
Equipment Aux Air, E-4	D-21
Internal Lighting, E-5	D-22
Oxygen, Anti/G, E-6	D-23
Anti-ice, E-7	D-24

<u>Title</u>	<u>Page</u>
External Lighting, E-8	D-25
Flight Control, F-1	D-26
Roll Control, F-2	D-27
Flight Speed Control, F-3	D-28
Lift Augmentation, F-4	D-29
Flaps/Slats, F-5	D-30
Lift Augmentation, F-6	D-31
Auto Flight Control, F-7	D-32
Ground Control, G-1	D-33
Landing Gear, L-1	D-34
Mission Support, M-1	D-35
Mission Support, M-2	D-36
Mission Support, M-3	D-37
Utilities, U-1	D-38
Utilities, UA-1	D-39
Utilities, UD-1	D-40
Central Air Data Computer, UJ-1	D-41

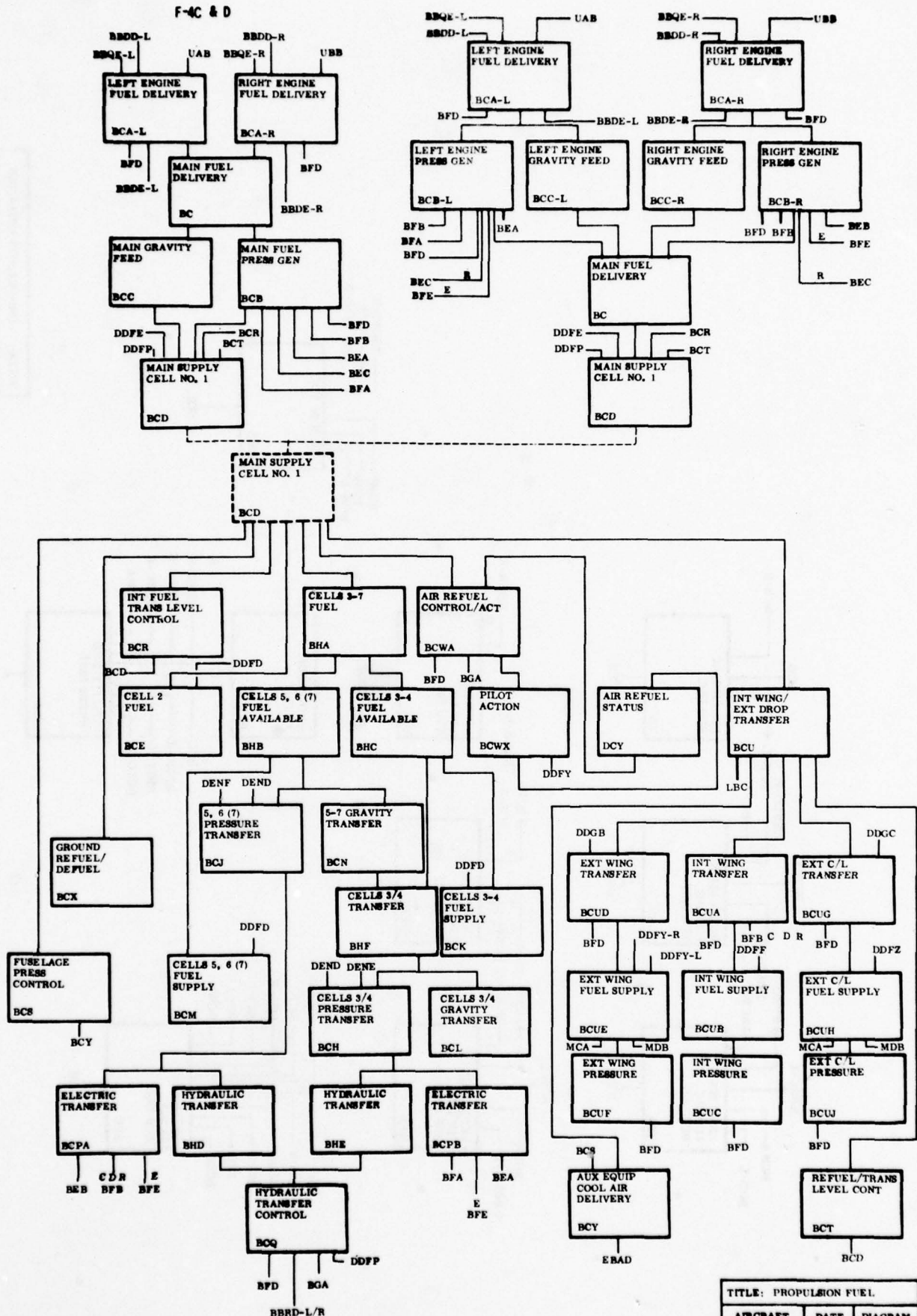
D.2 CARD LISTING

Pages D-43 through D-183 are a reproduction of the punchcard listing for the four F-4 types. The listing is alphabetical by "alpha designator", and the format is that of the 80-column punchcard itself as described in Appendix C. At the top of each page the card columns are printed vertically; for example, column 34 is printed "3"₄.

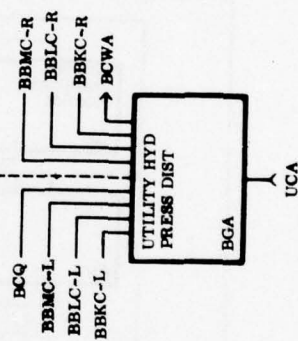
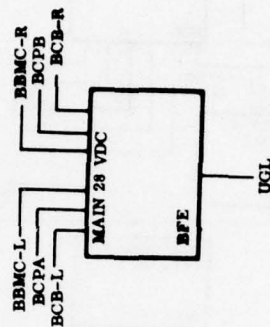
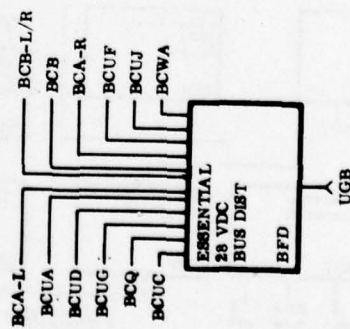
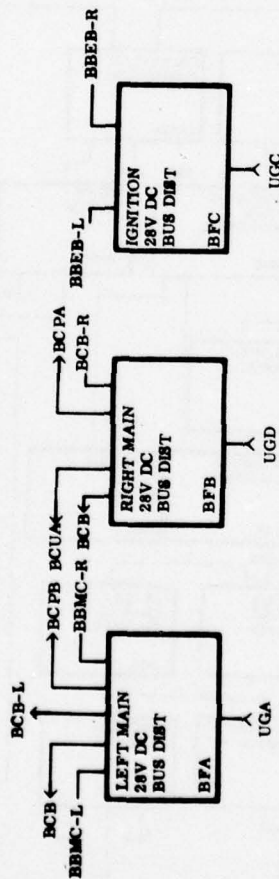
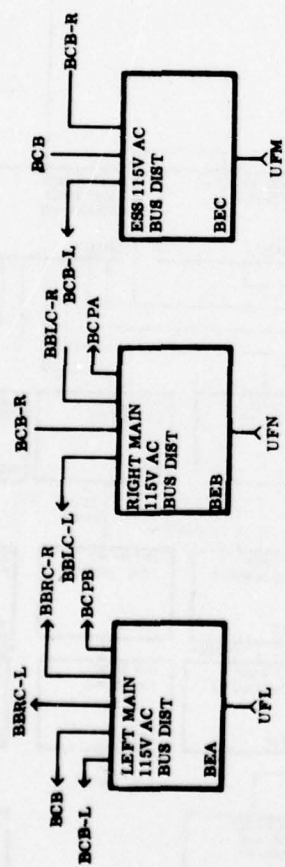
The first two columns of the punchcard are coded "F4". If the third column is blank, the card is common to all four versions of the aircraft. Cards peculiar to one version of the aircraft carry a designator in column 3 for the aircraft — "C" for the F-4C, "D" for the F-4D, "E" for the F-4E, and "R" for the RF-4C.



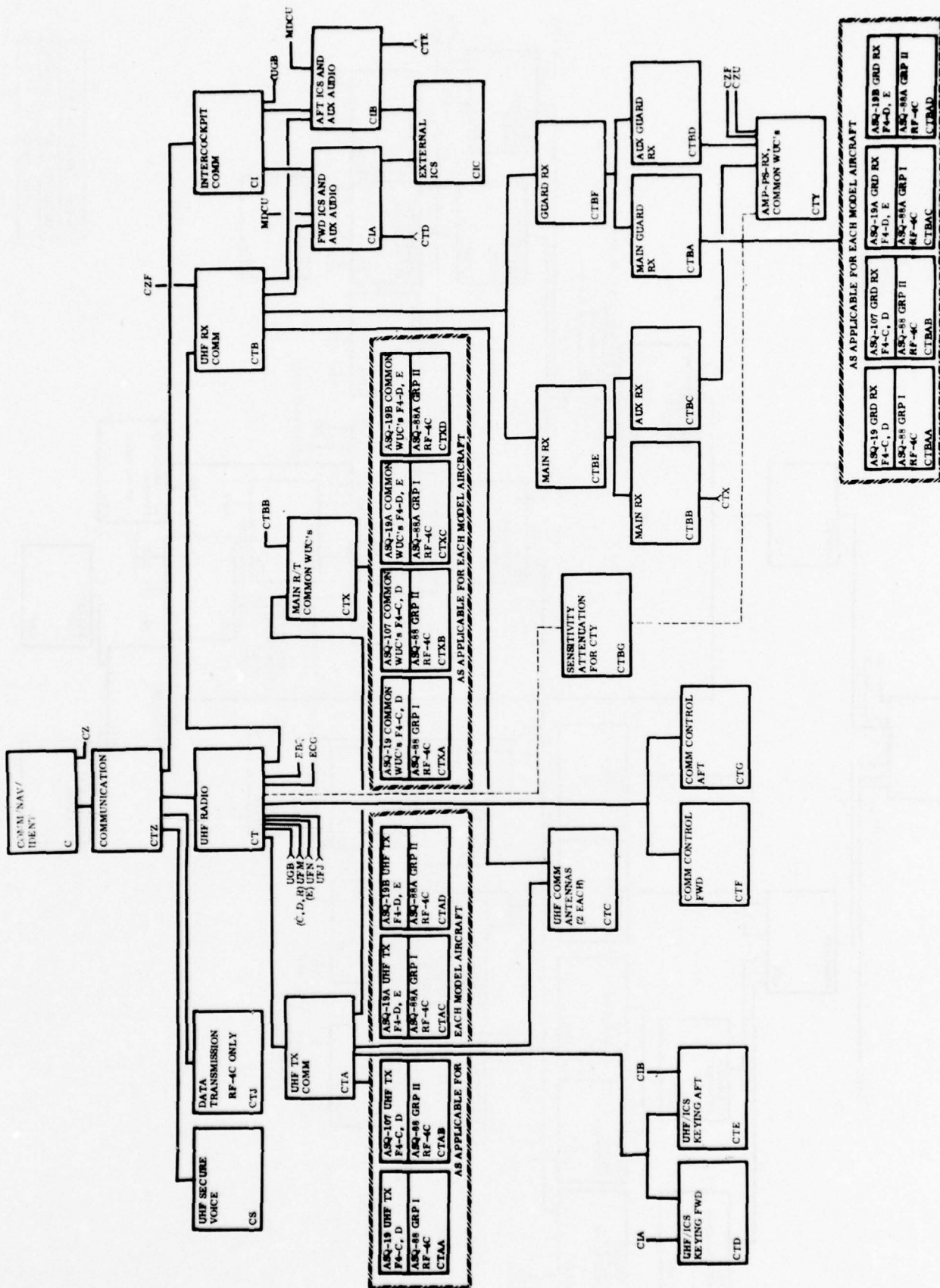
F-4E & RF-4C



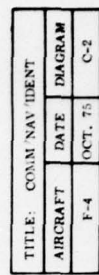
TITLE: PROPULSION FUEL		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	R-3

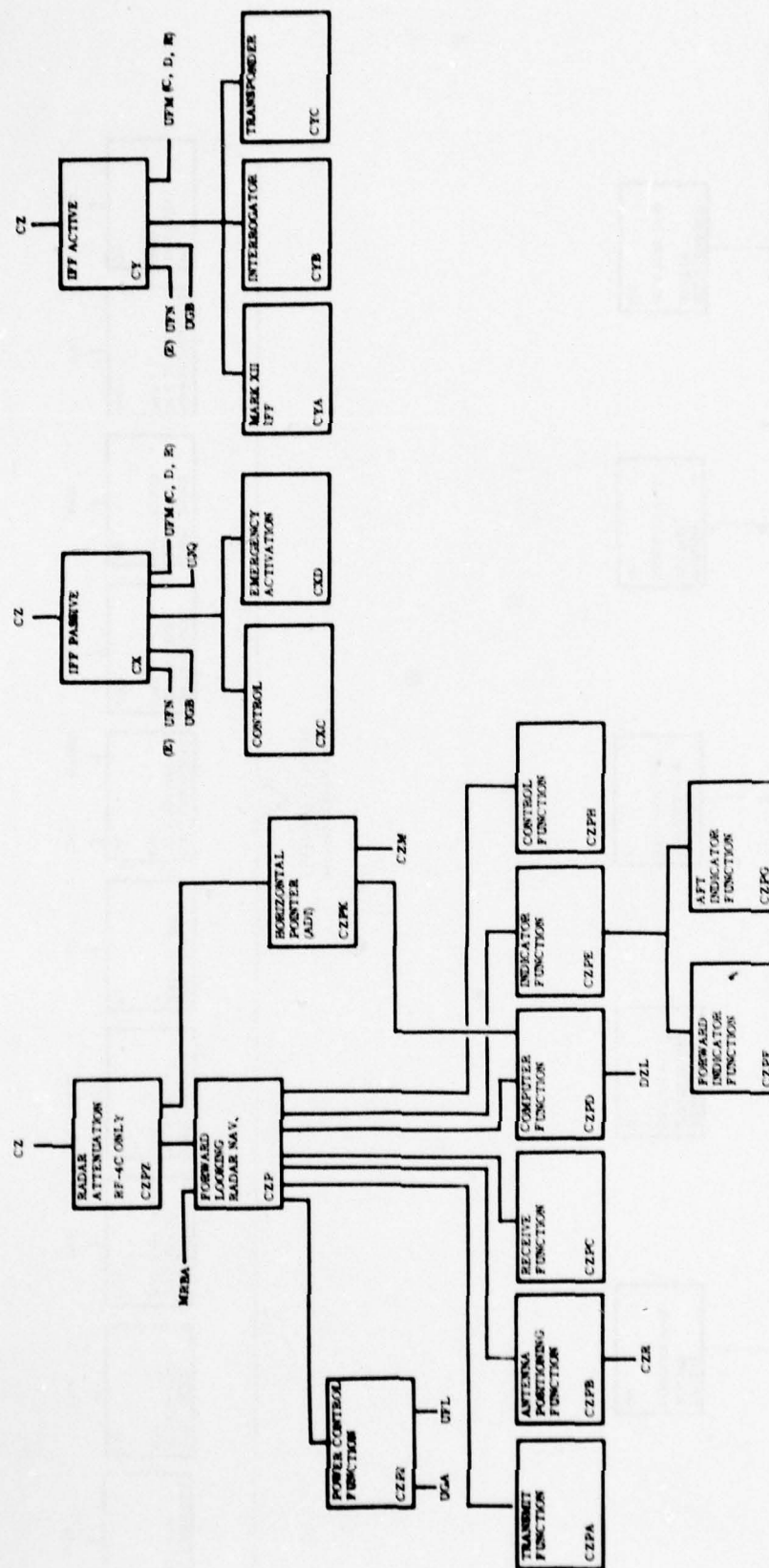


TITLE: PROPULSION UTILITIES			
AIRCRAFT	DATE	DIAGRAM	
F-4	OCT. 75	B-4	

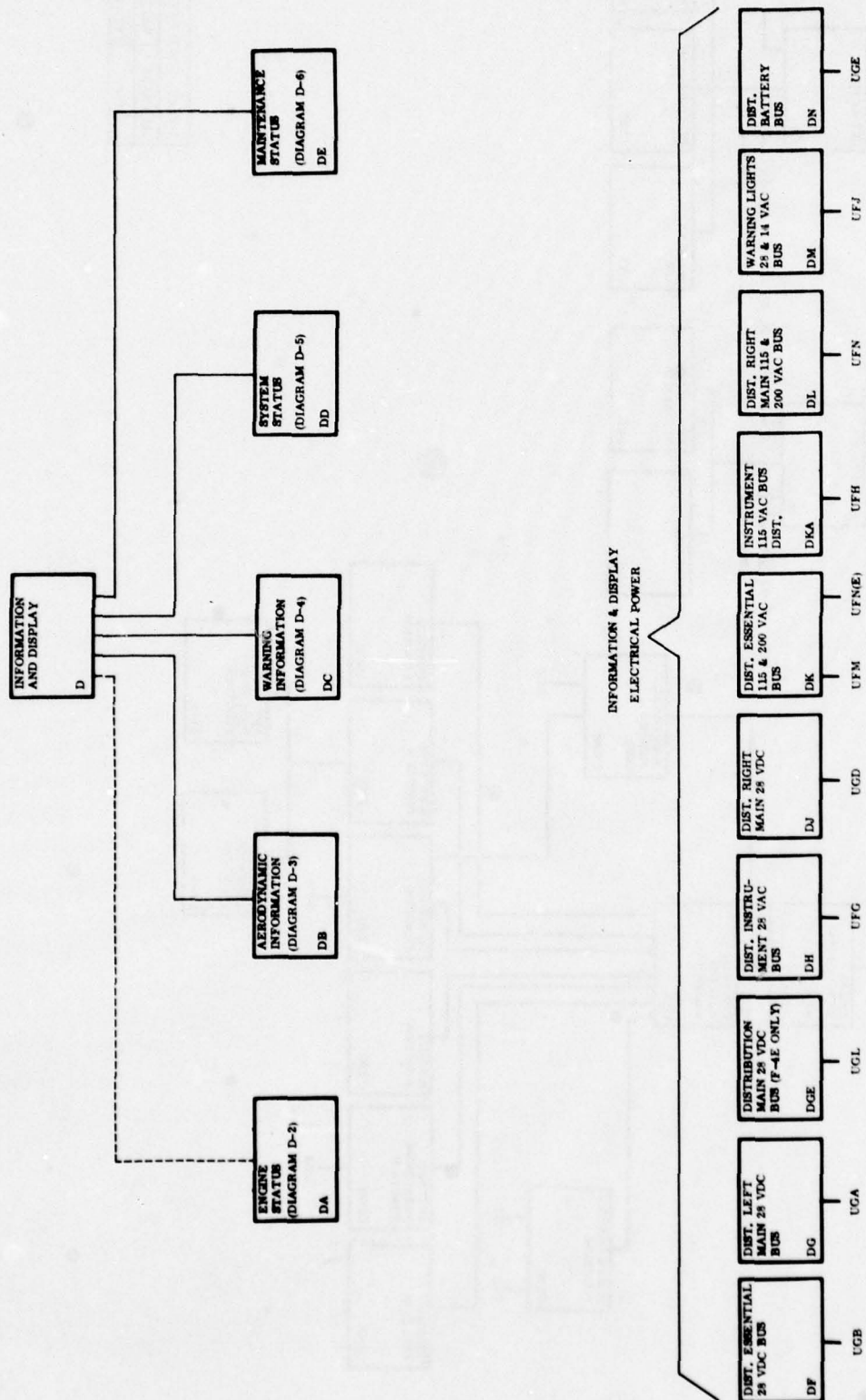


TITLE: COM NAV/IDENT		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	C-1

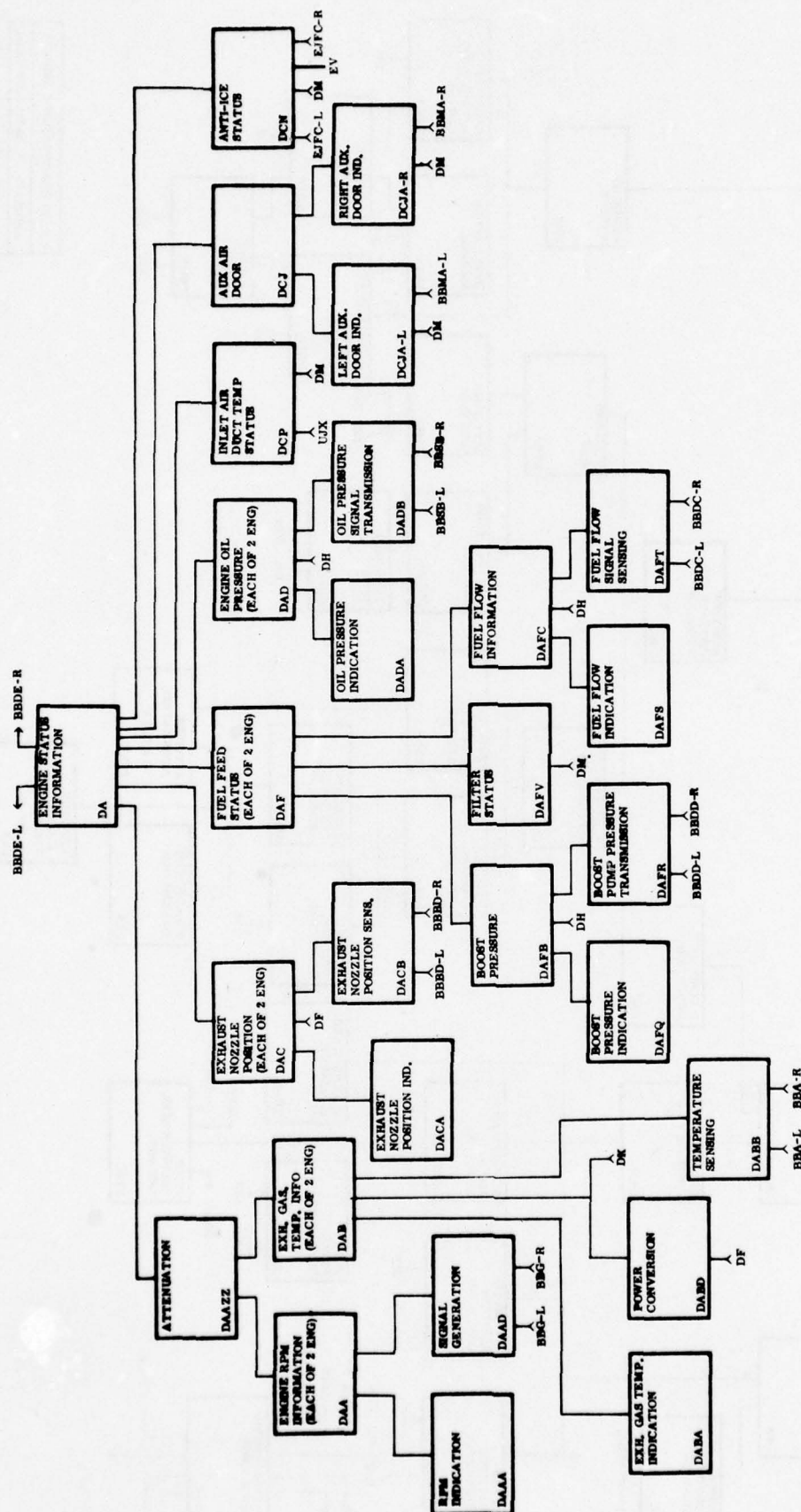




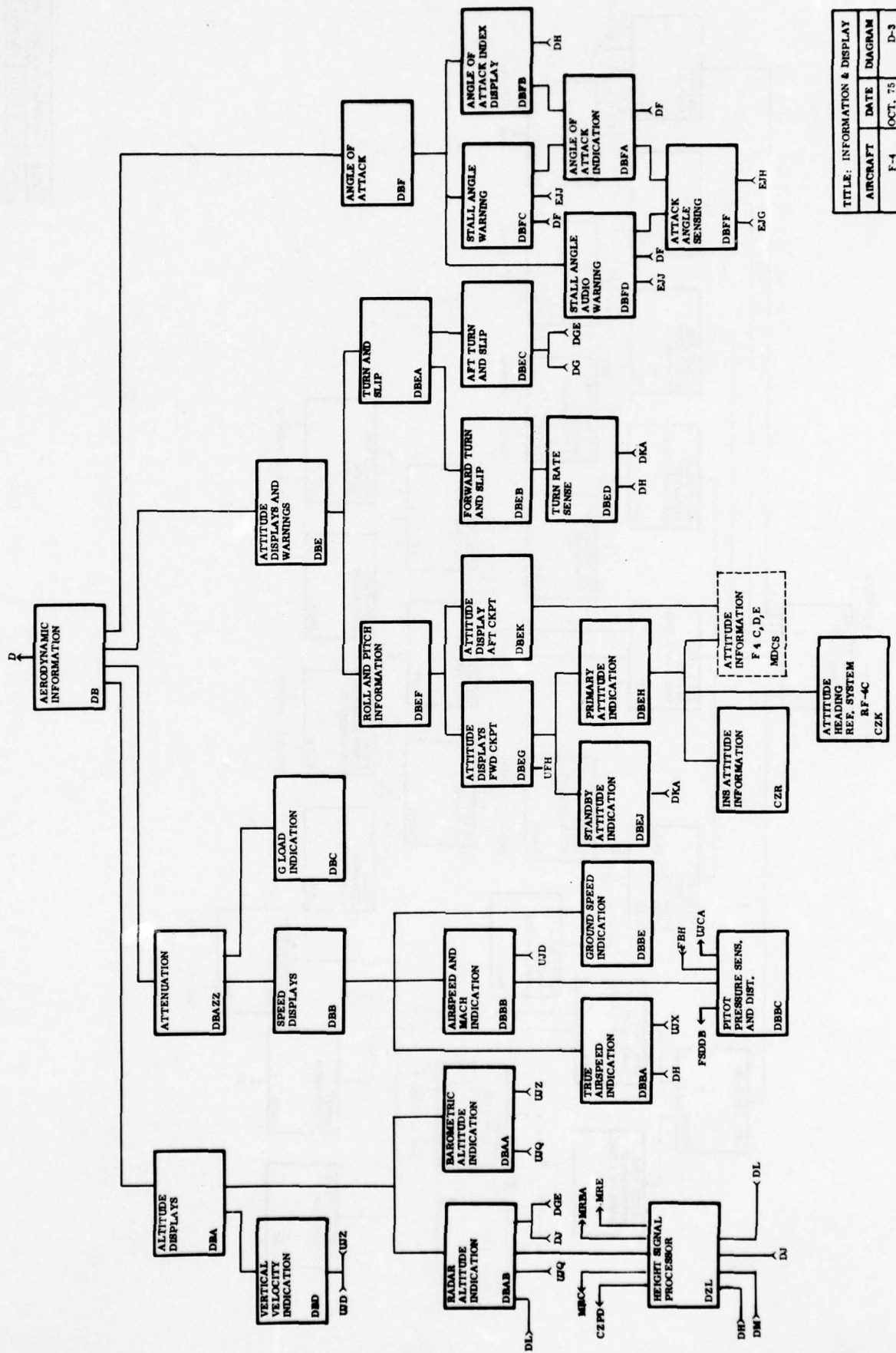
TITLE: COMM/NAV IDENT		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	C-3



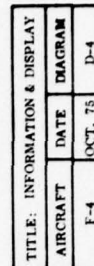
TITLE: INFORMATION & DISPLAY		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	D-1

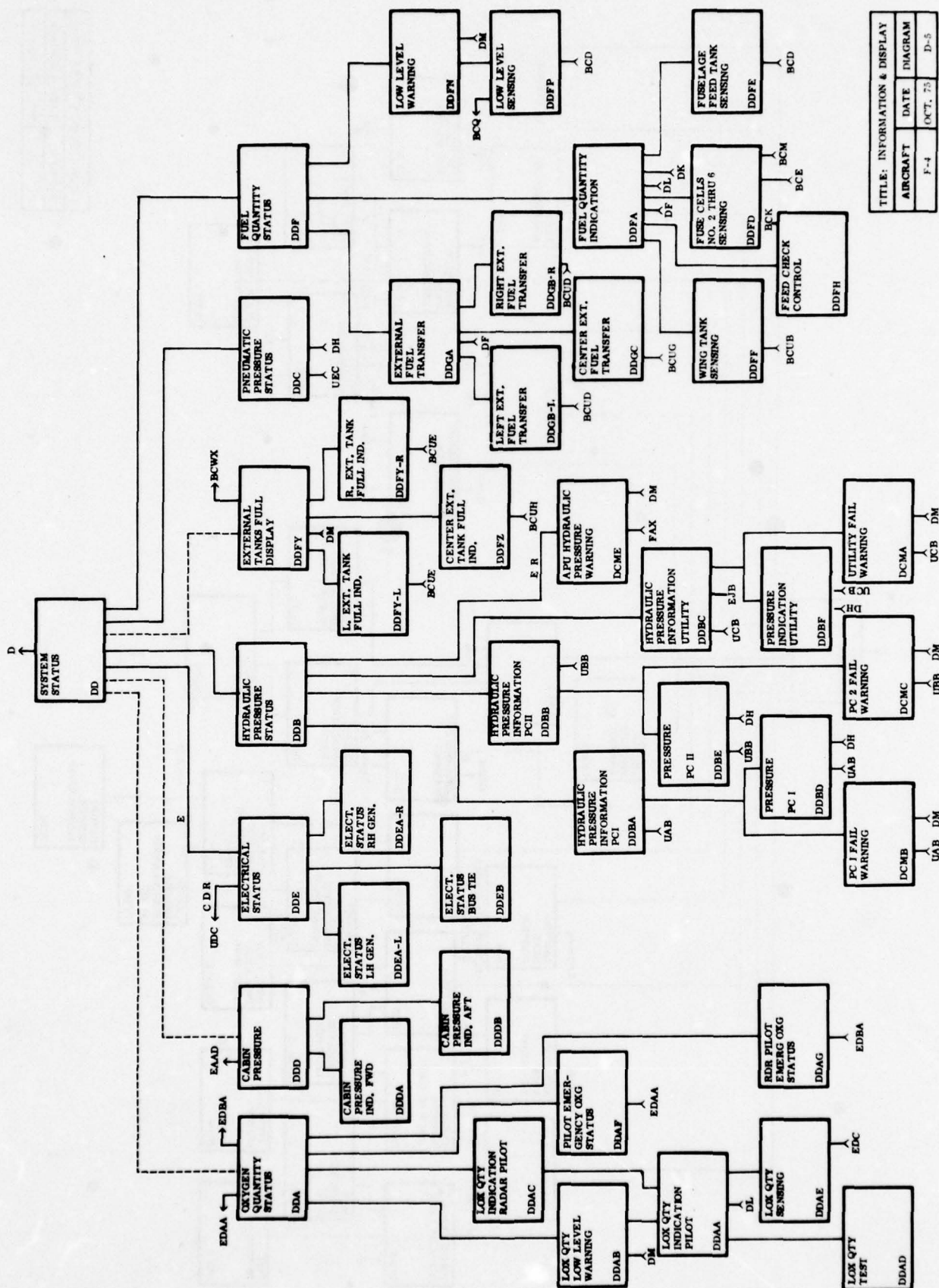


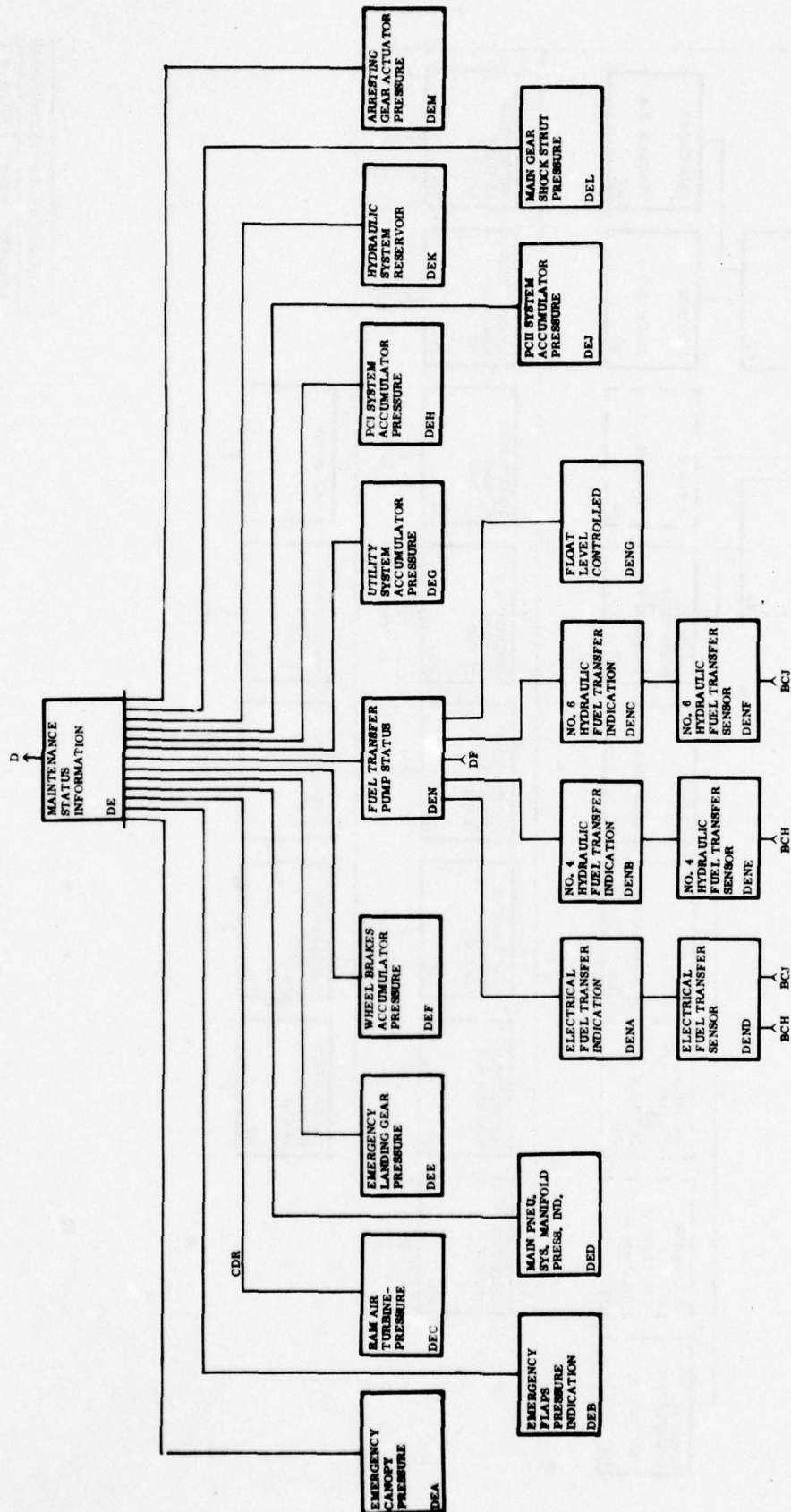
TITLE: INFORMATION & DISPLAY		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	D-2



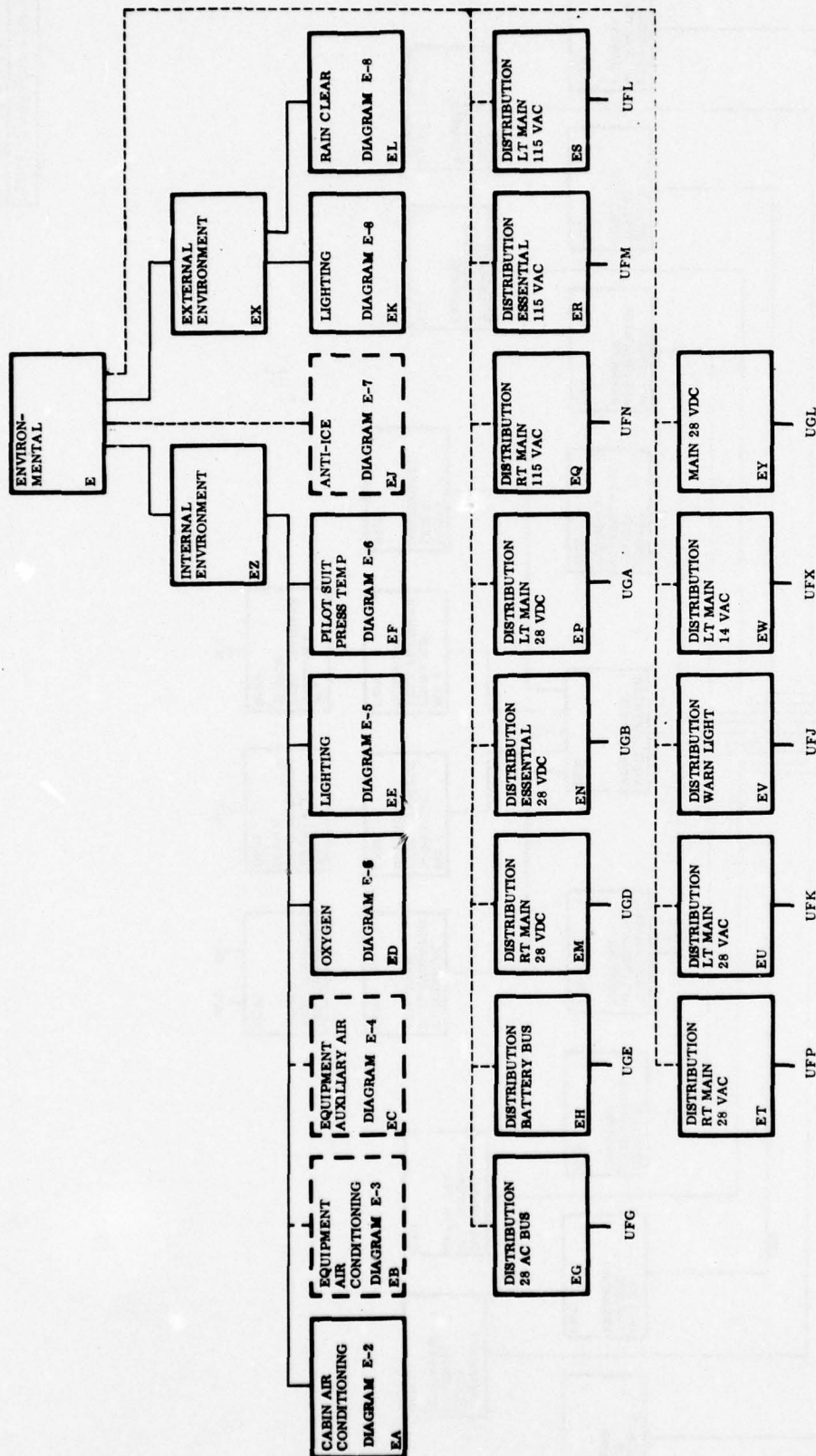
TITLE: INFORMATION & DISPLAY		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	D-3



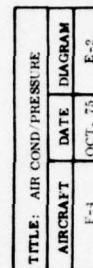


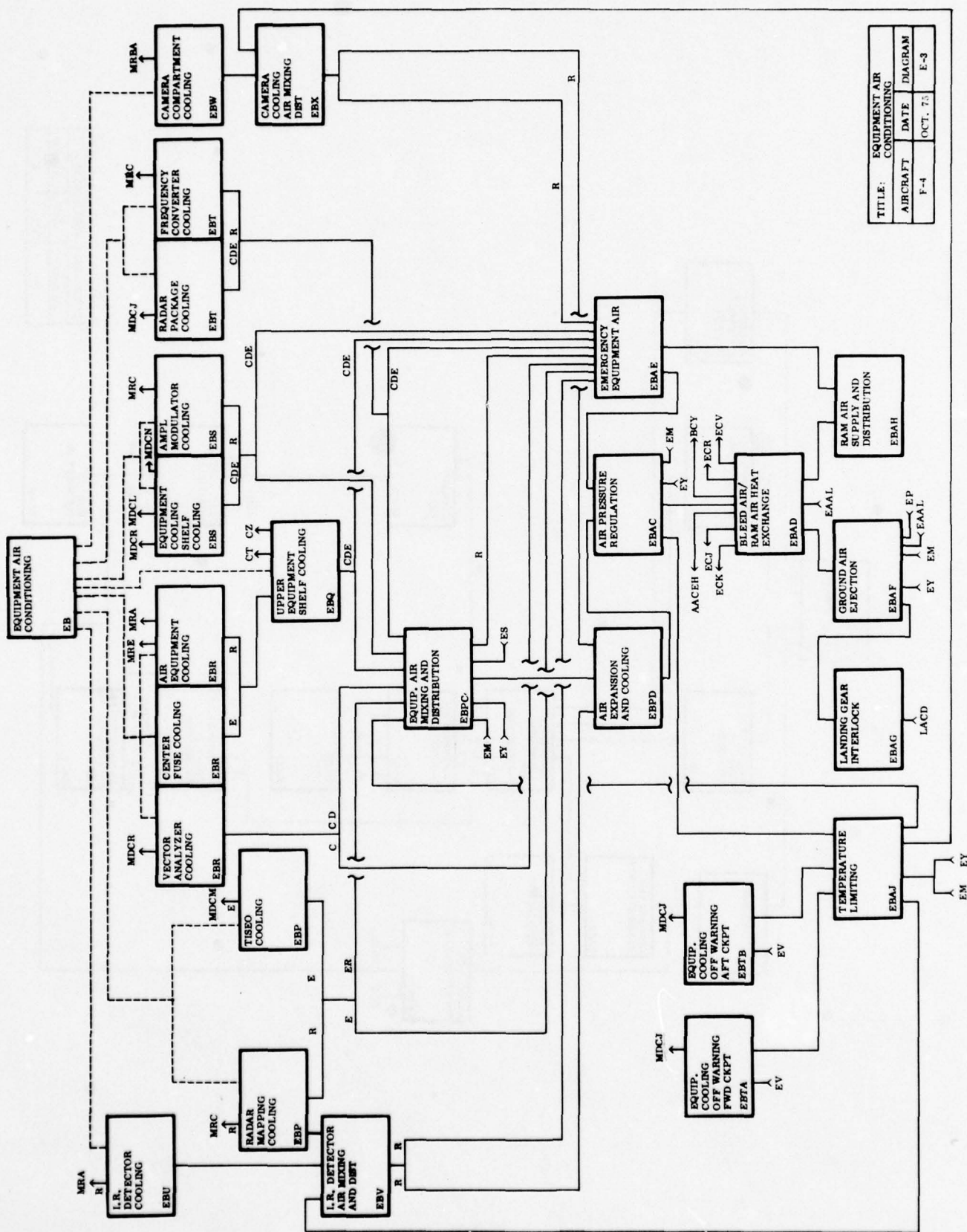


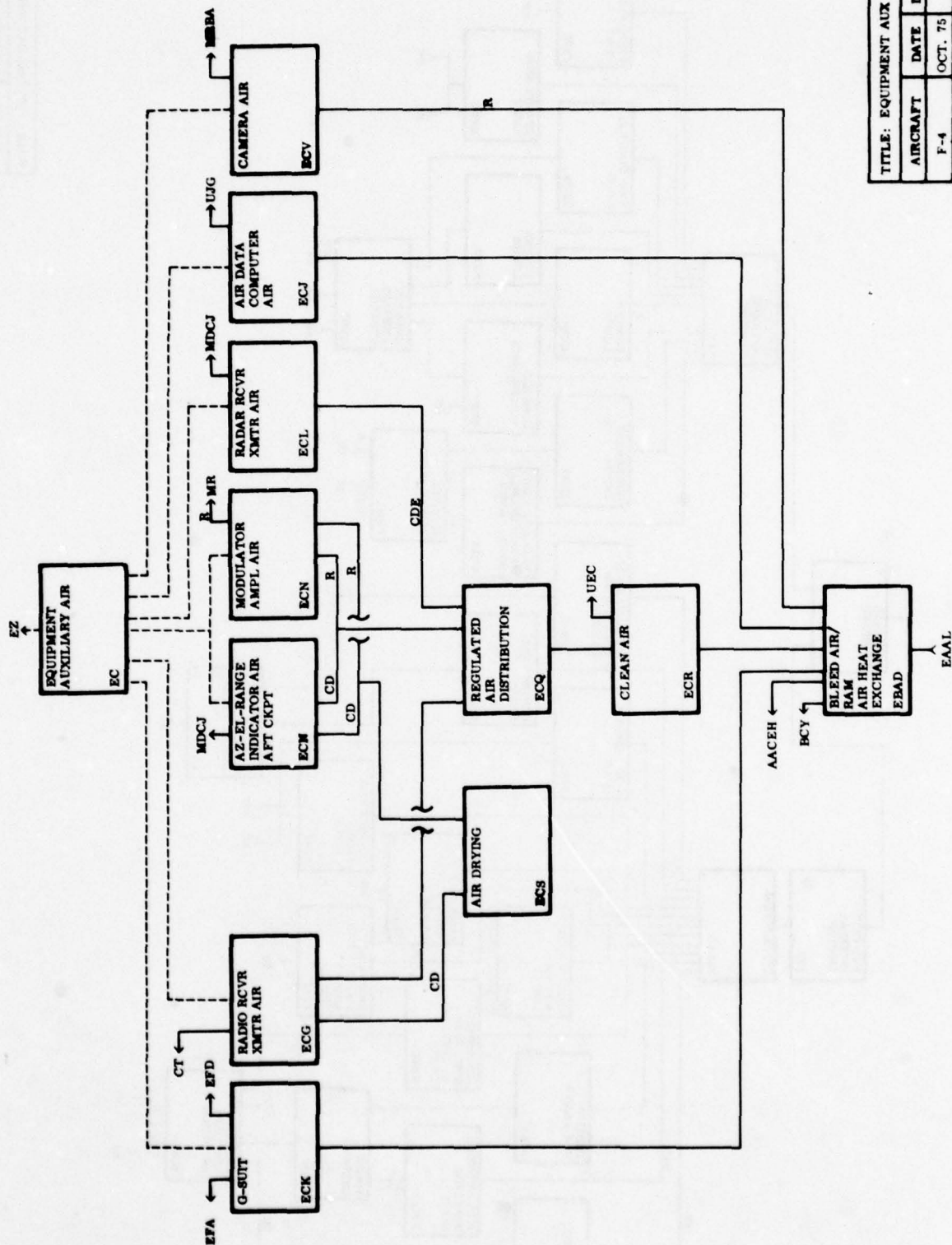
TITLE, INFORMATION & DISPLAY		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	D-6



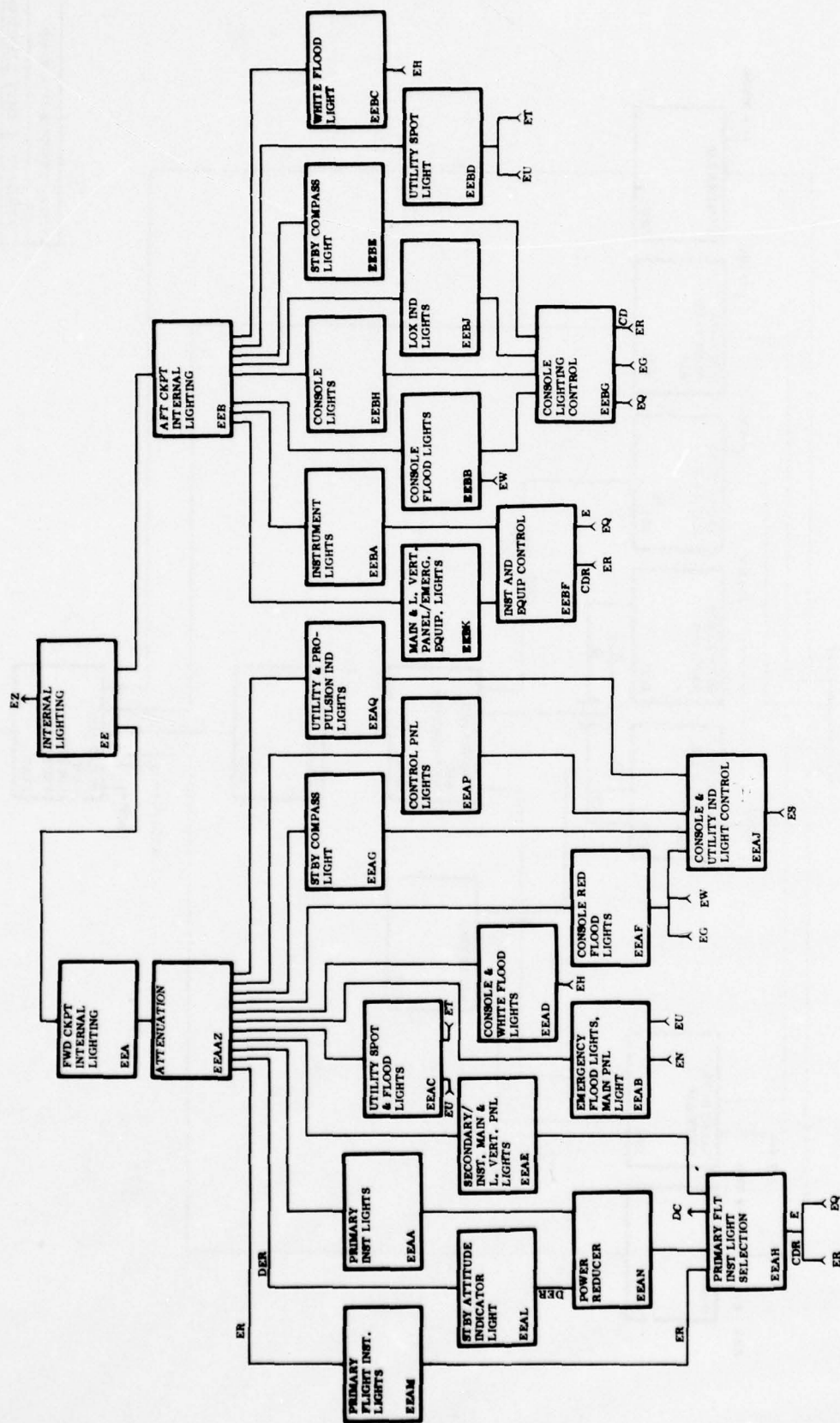
TITLE: ENVIRONMENTAL CONTROL		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	E-1



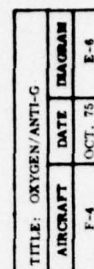


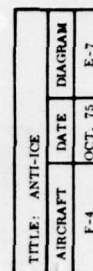


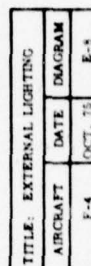
TITLE: EQUIPMENT AUX AIR			
AIRCRAFT	DATE	DIAGRAM	
F-4	OCT. 75	E-4	

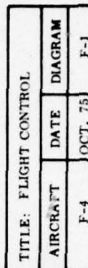


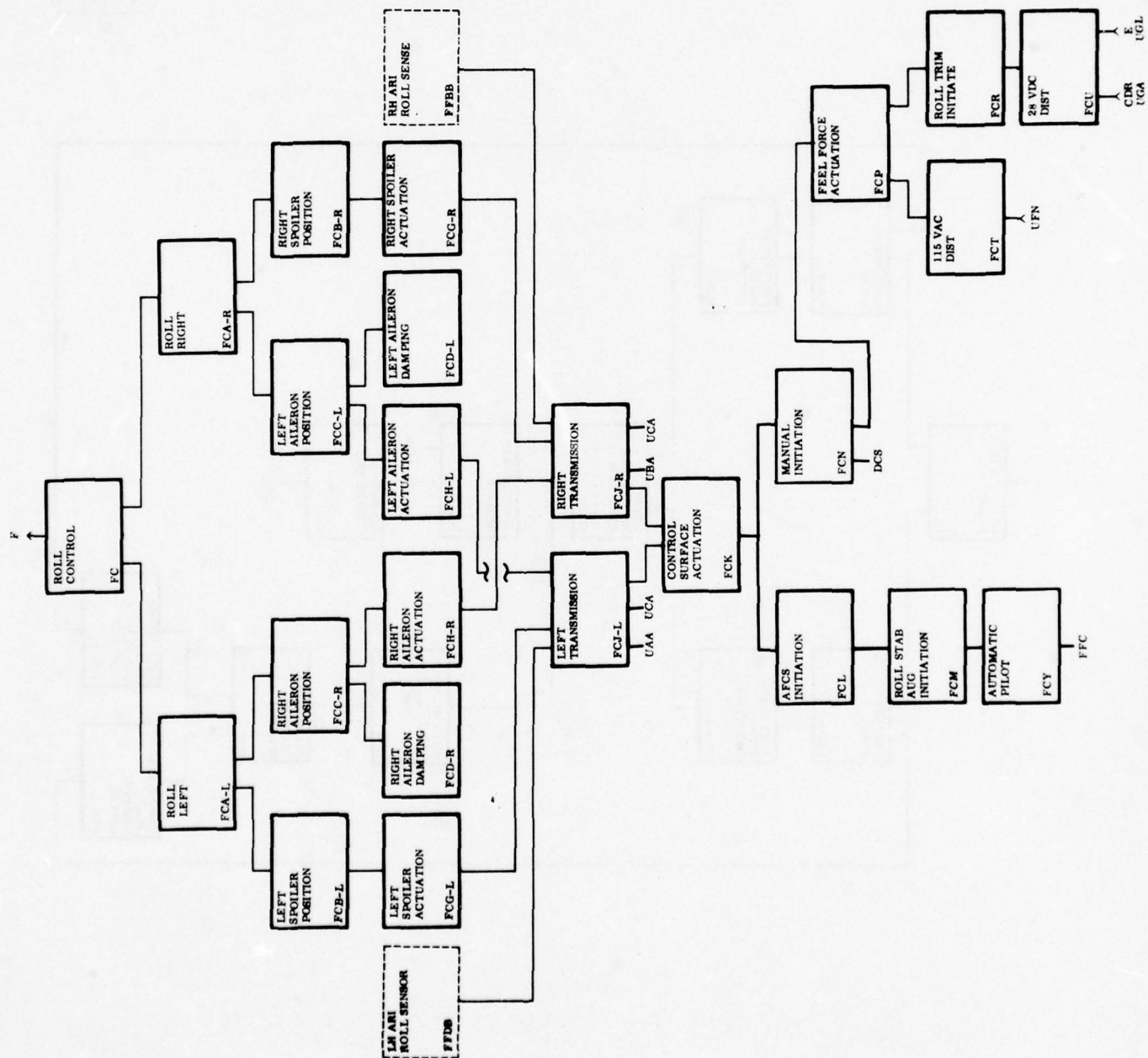
TITLE: INTERNAL LIGHTING		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	E-5



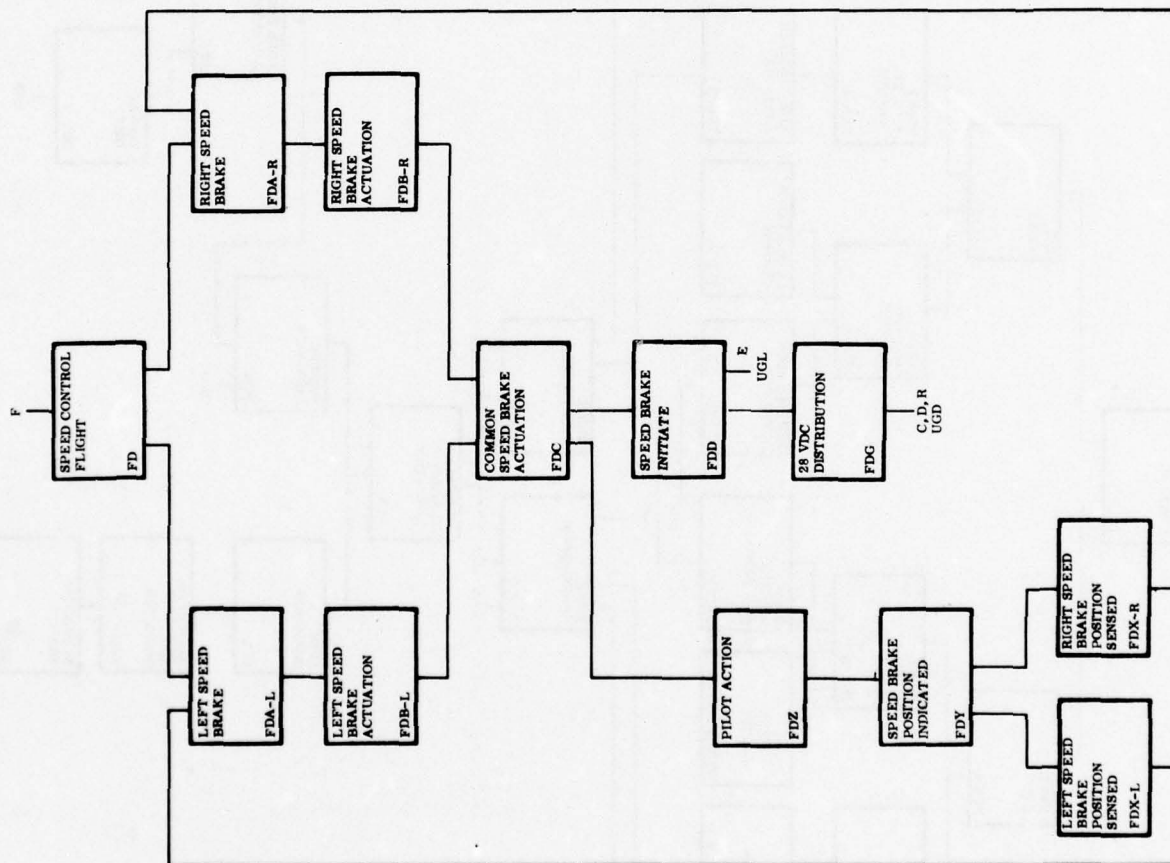




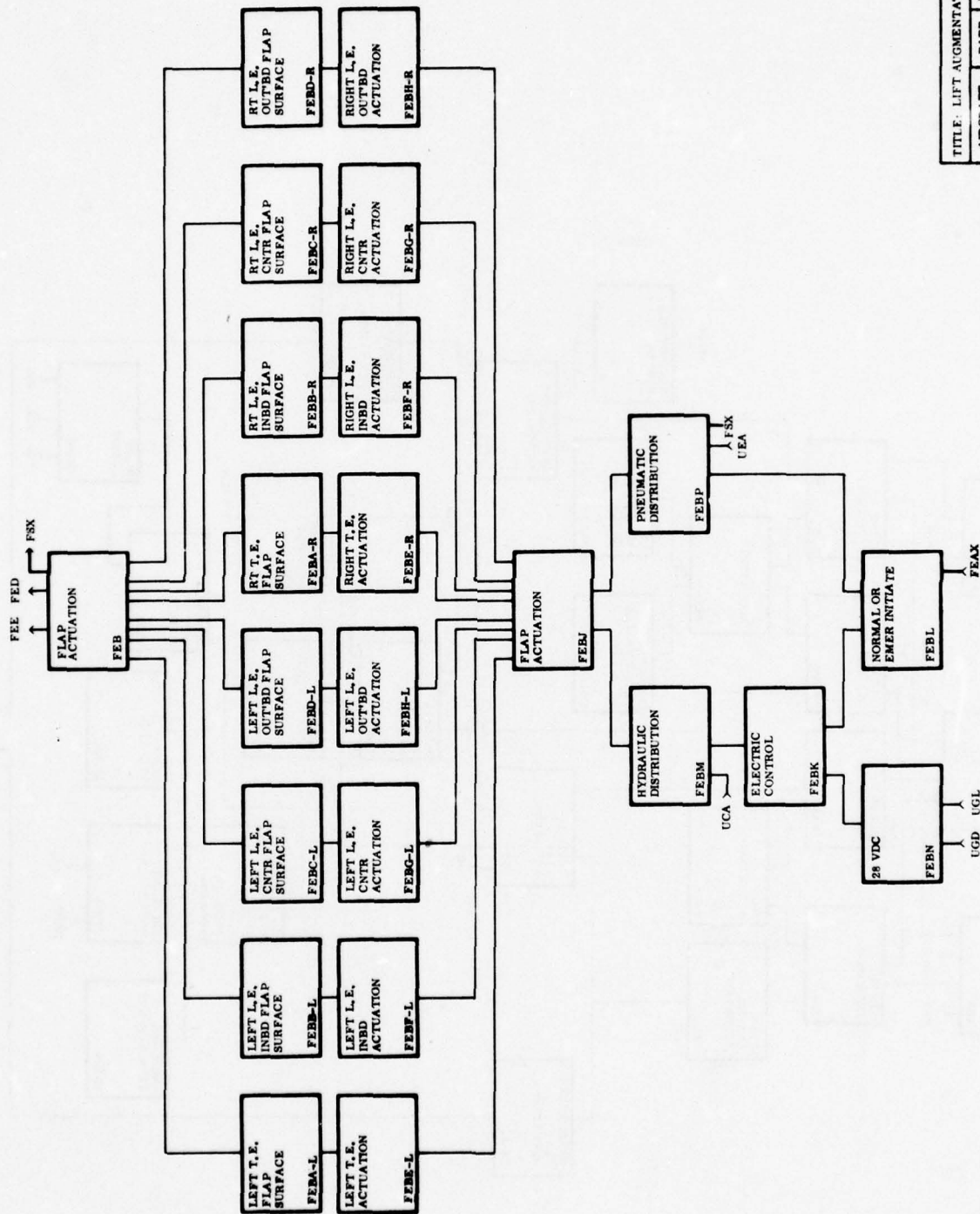




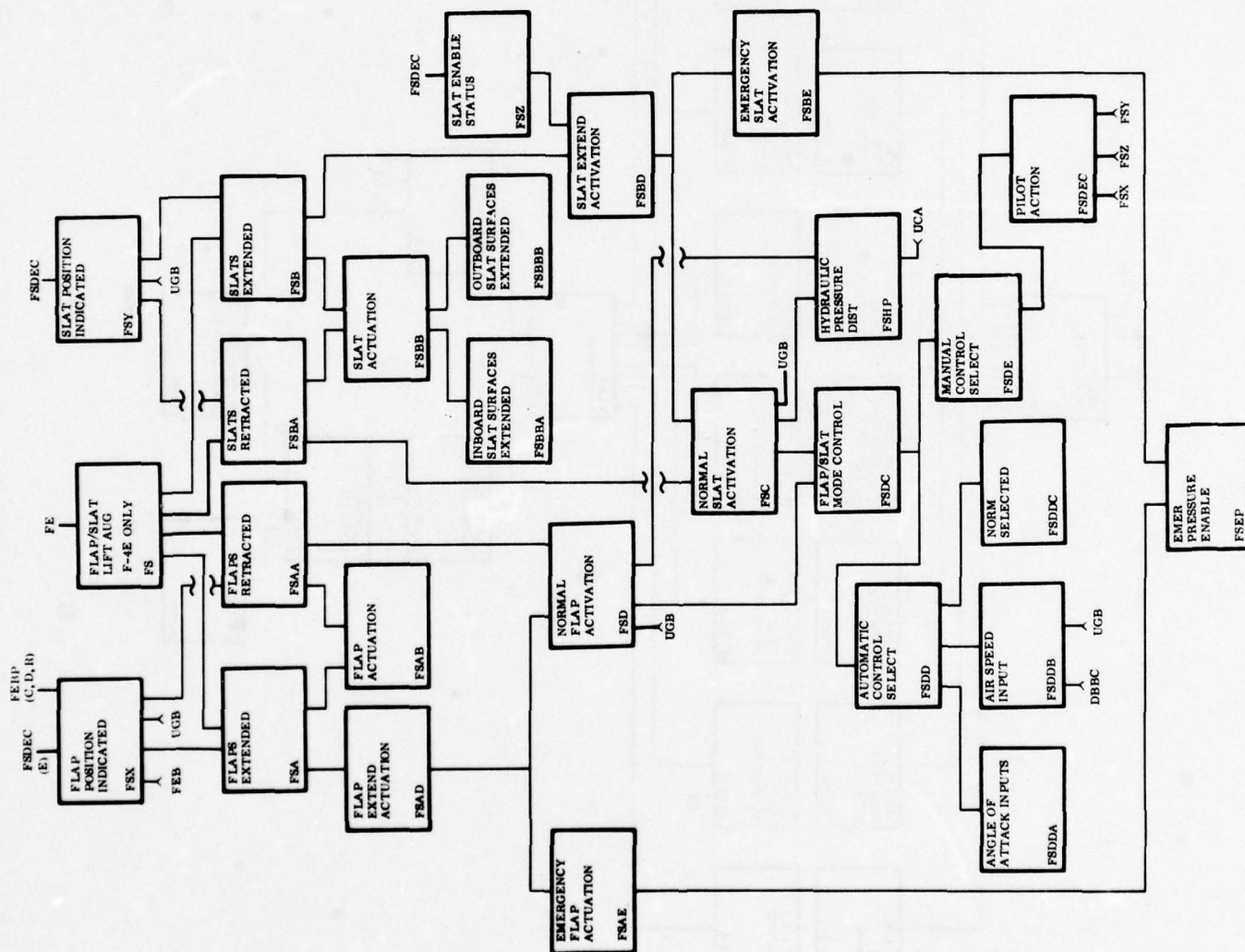
TITLE: ROLL CONTROL			
AIRCRAFT	DATE	DIAGRAM	
F-4	OCT. 75	F-2	



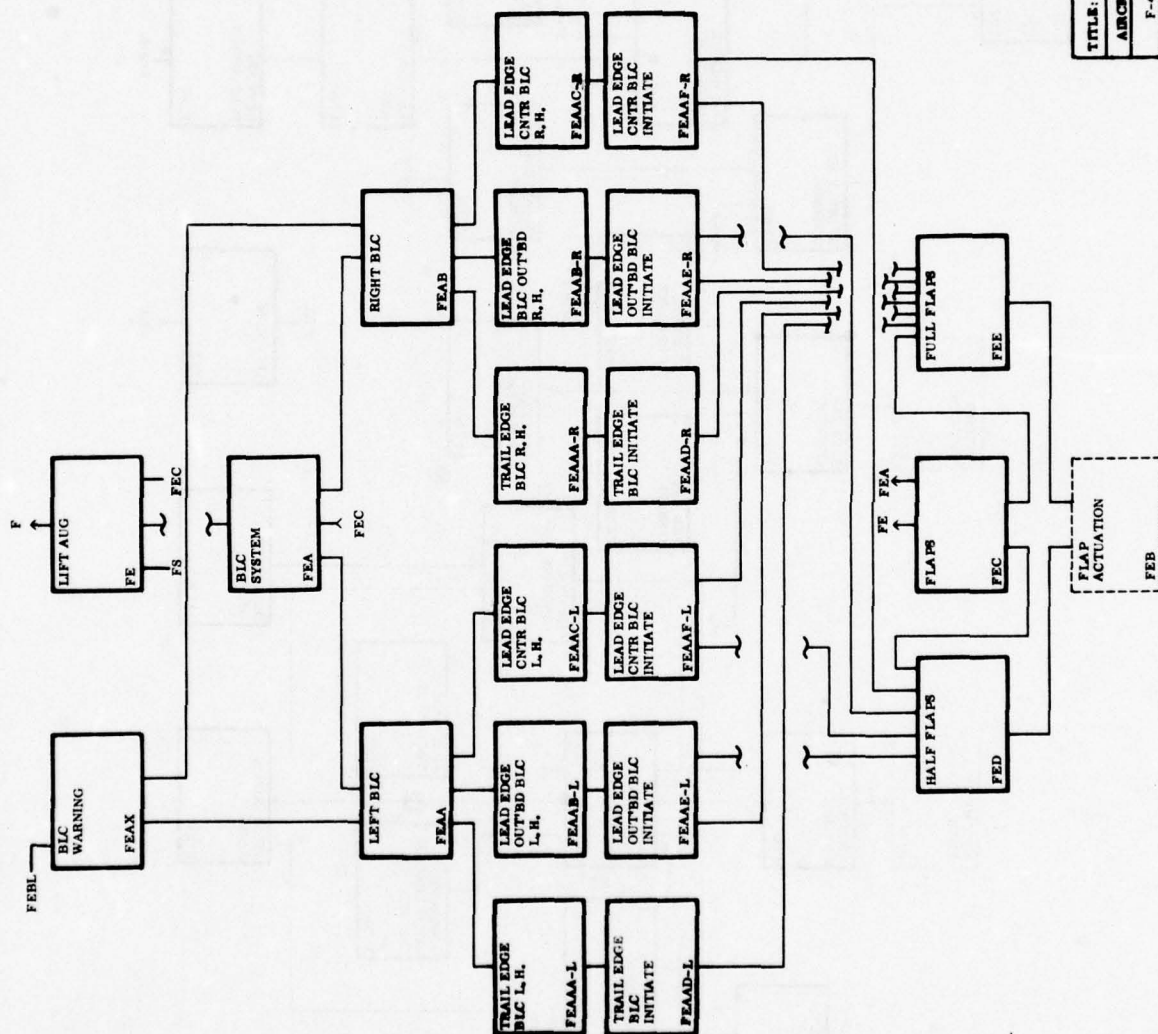
TITLE: FLIGHT SPEED CONTROL			
AIRCRAFT	DATE	DIAGRAM	
F-4	OCT. 75	F-3	



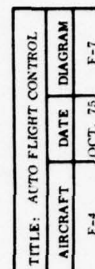
TITLE: LIFT AUGMENTATION		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	F-4

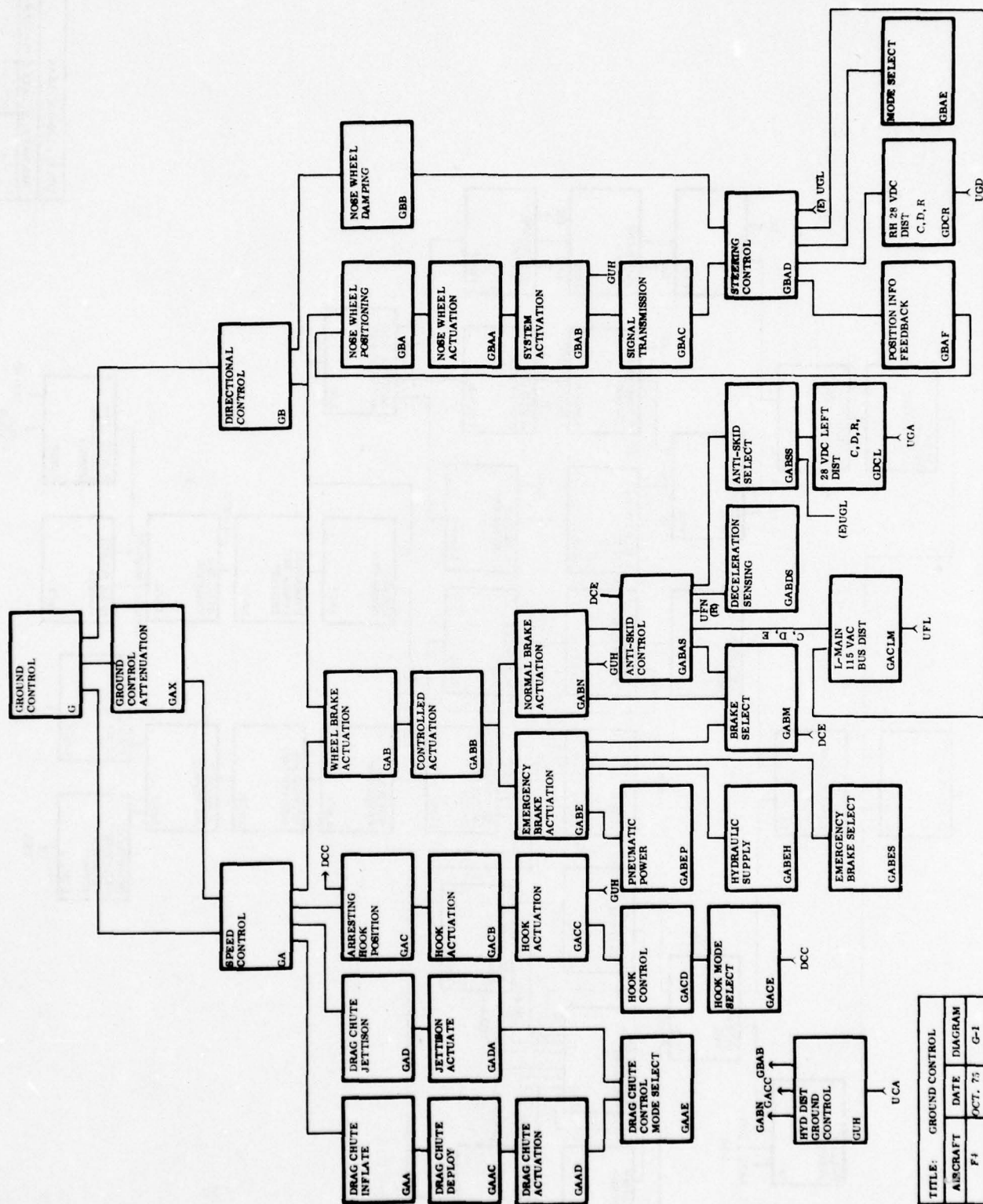


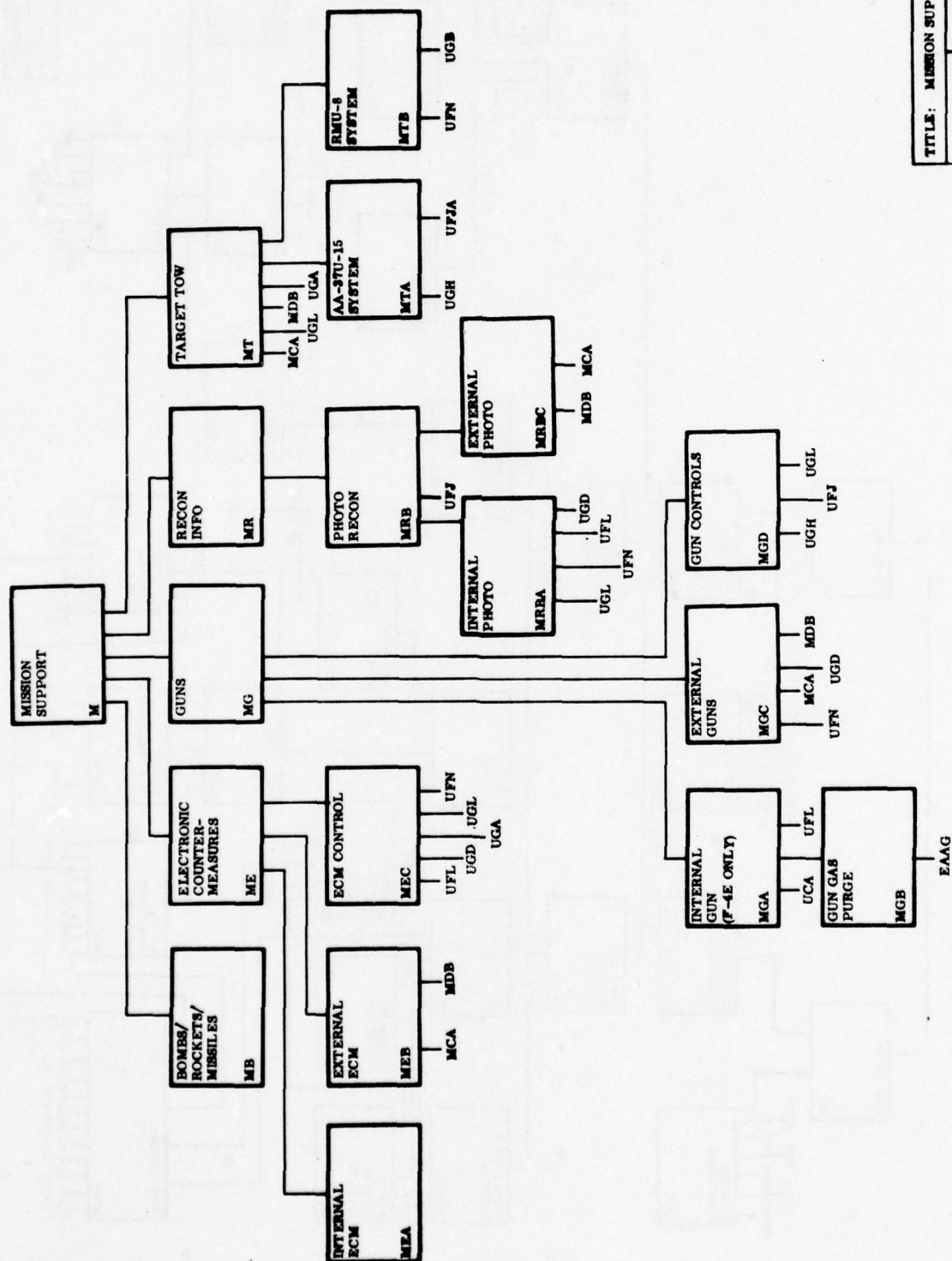
TITLE: FLAP SLAT		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	F-5



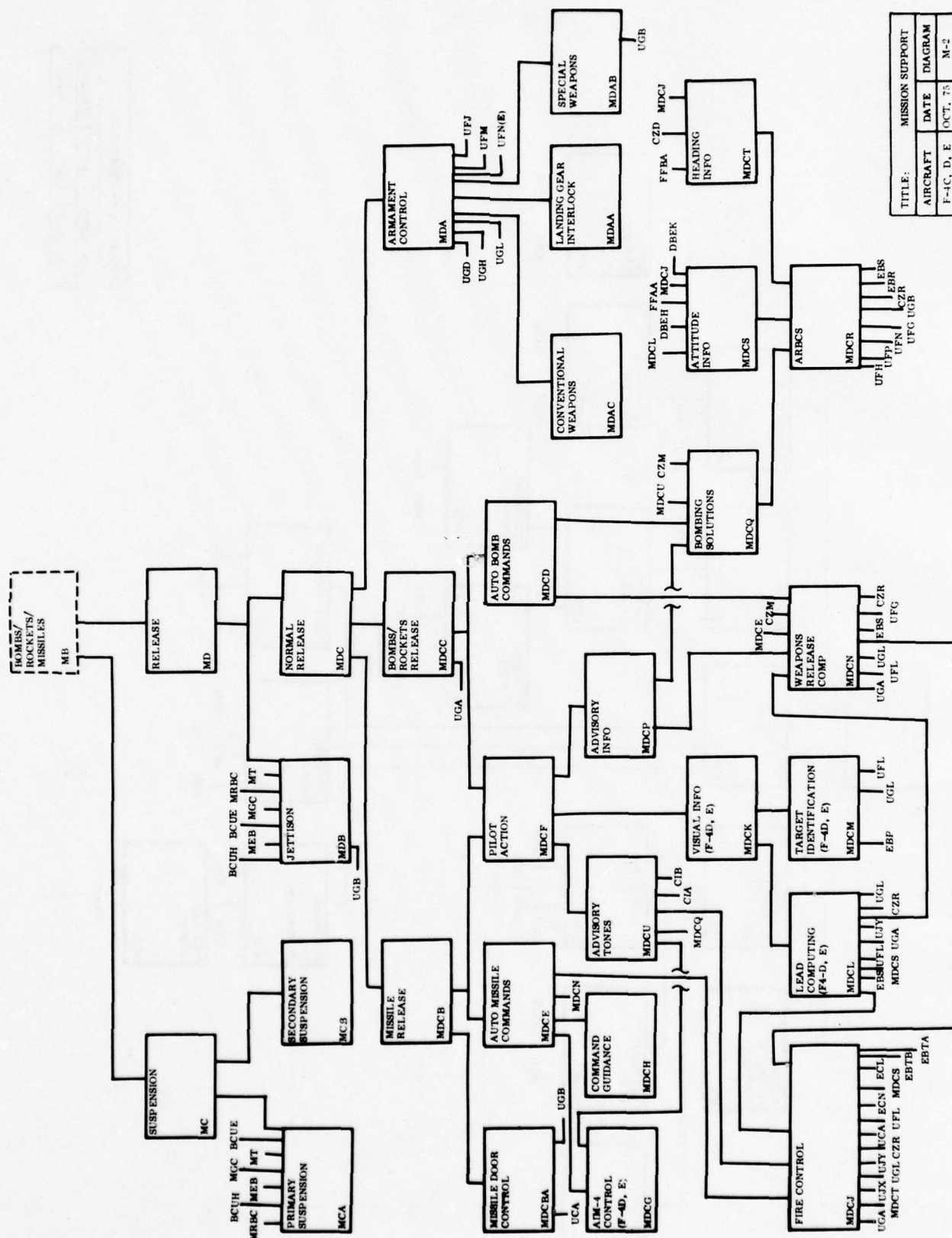
TITLE: LIFT AUGMENTATION			
AIRCRAFT	DATE	DIAGRAM	
F-4	OCT. 75	F-6	

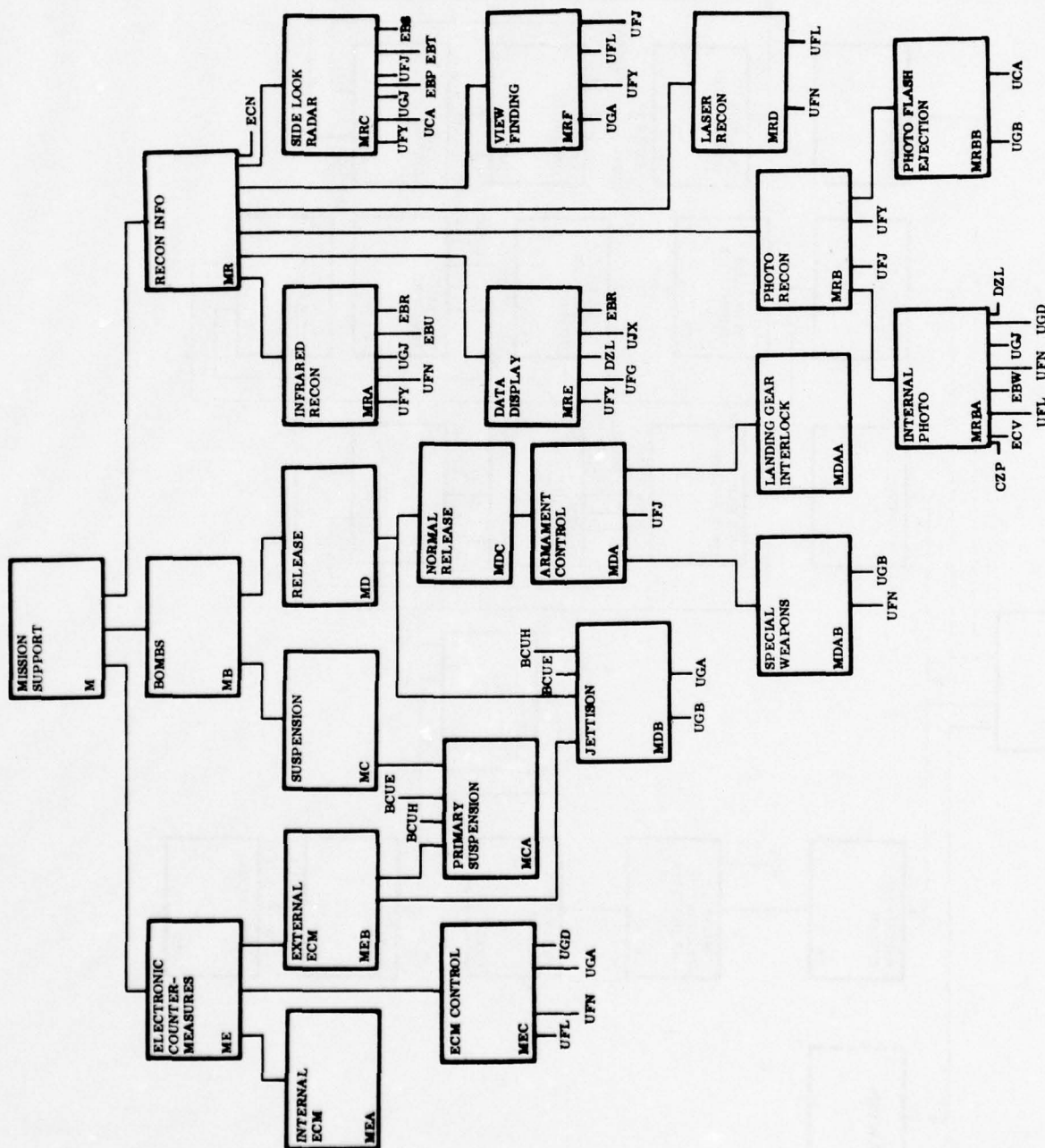




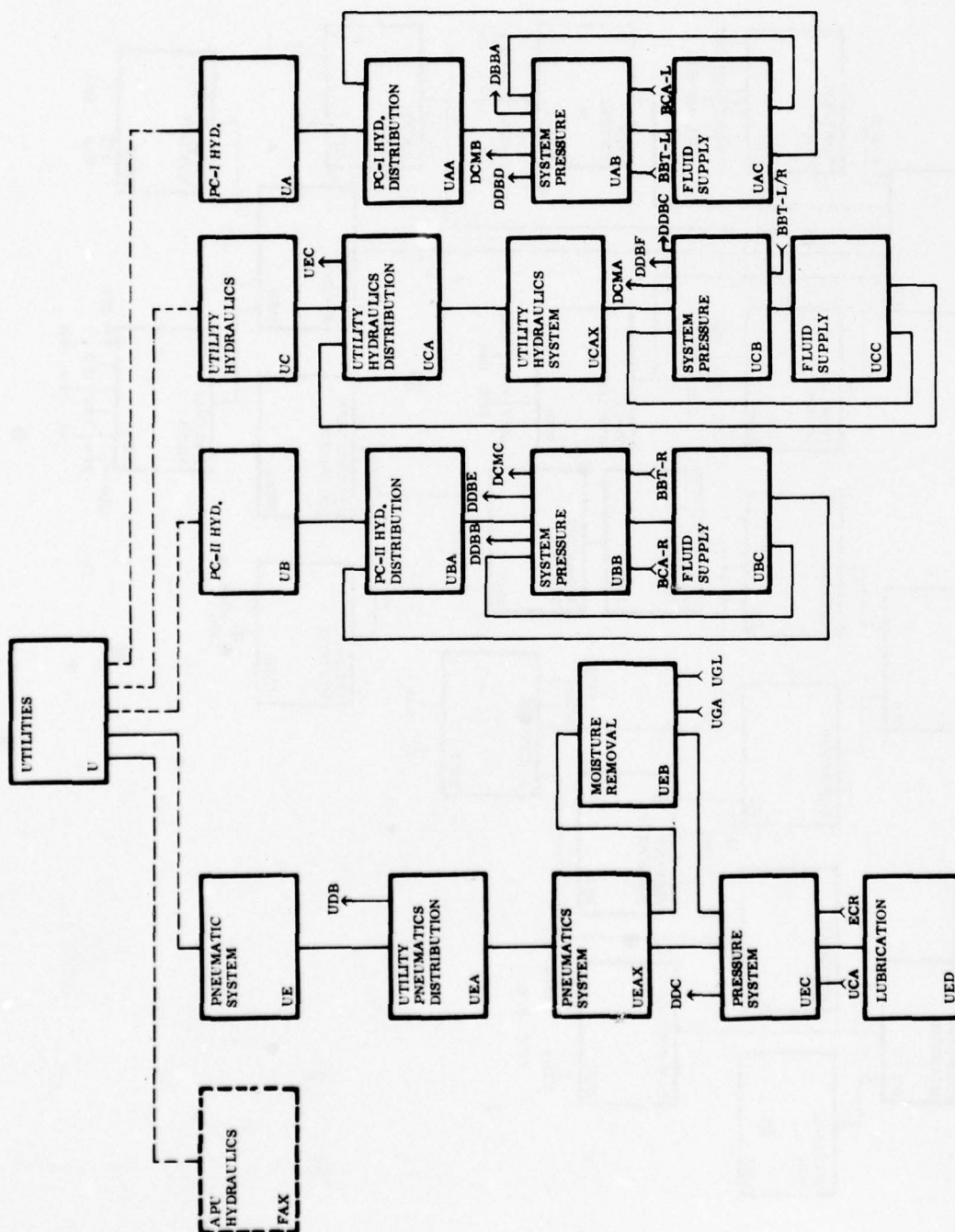


TITLE: MISSION SUPPORT		
AIRCRAFT	DATE	DIAGRAM
F-4C.D.E	OCT. 75	M-1

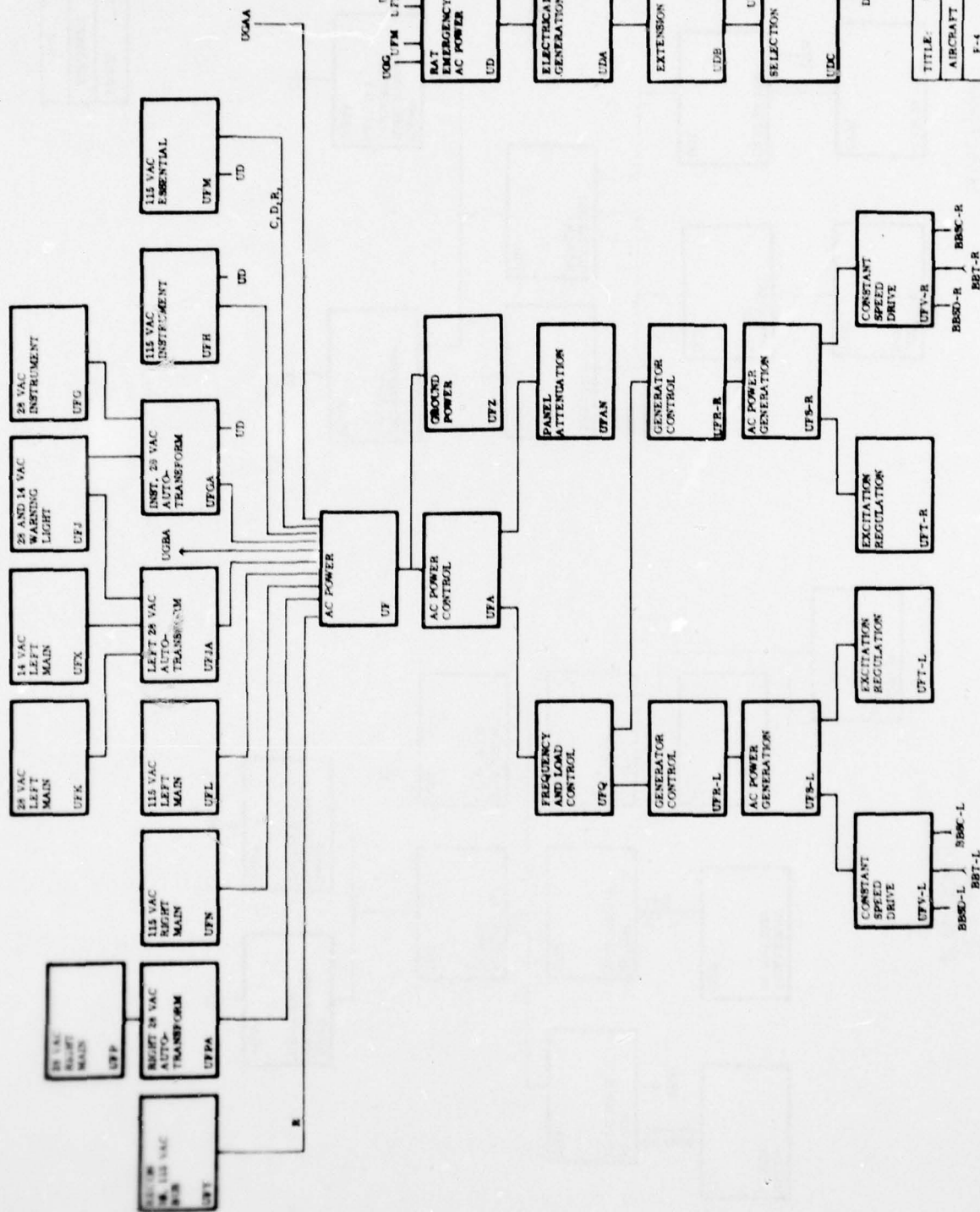




TITLE: MISSION SUPPORT		
AIRCRAFT	DATE	DIAGRAM
RF-4C	OCT. 75	M-3

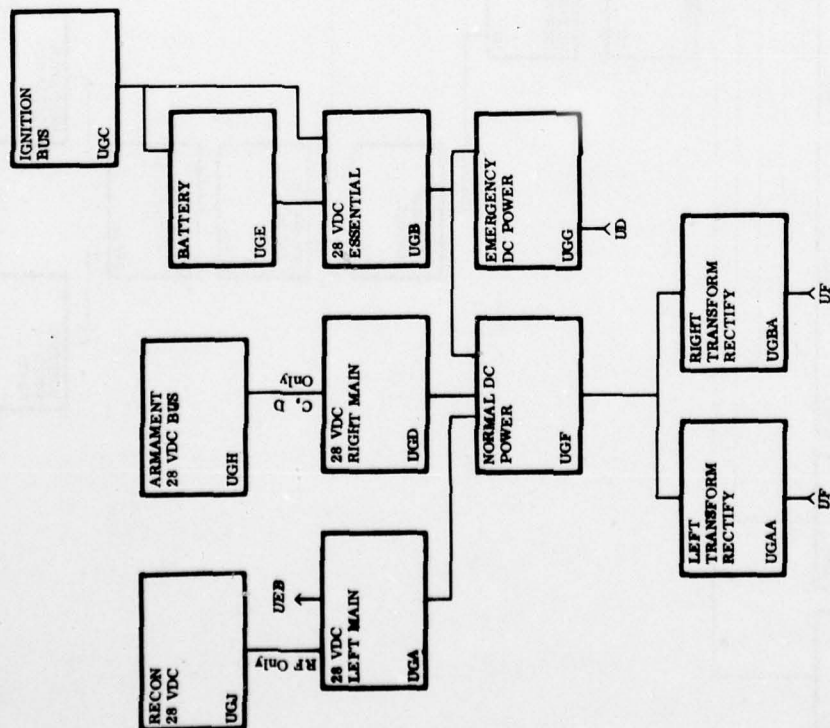


TITLE: UTILITIES		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	U-1

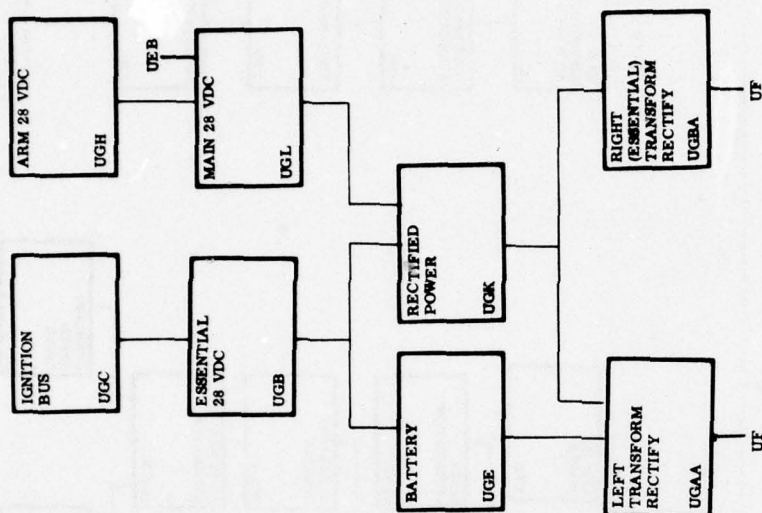


TITLE	UTILITIES
AIRCRAFT	DATE
F-4	OCT. 75
	UA-1

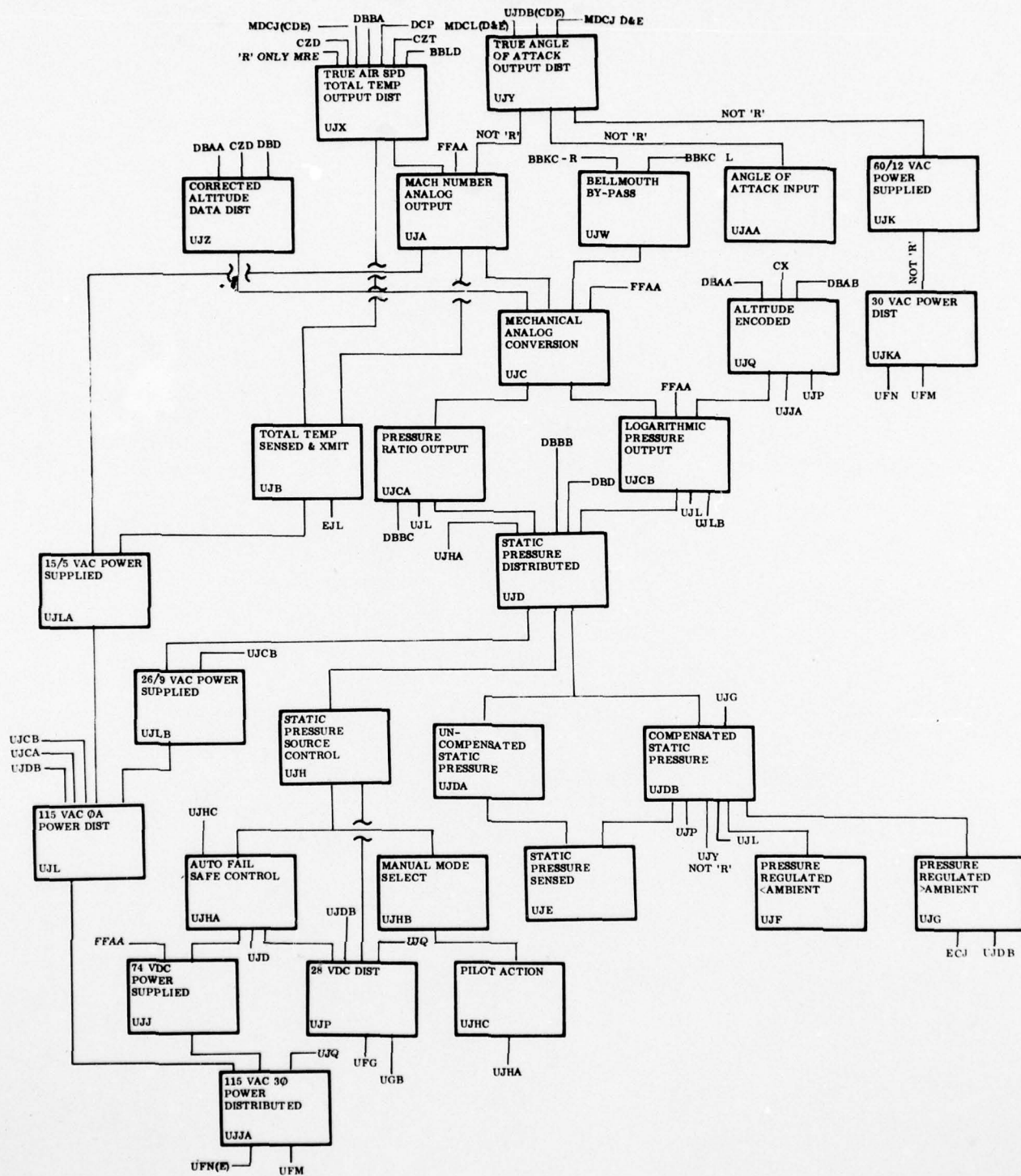
C, D, & RF 2S VDC POWER



E 28 VDC POWER



TITLE: UTILITIES			
AIRCRAFT	DATE	DIAGRAM	
F-4	OCT. 75	UD-1	



TITLE: CENTRAL AIR DATA COMPUTER		
AIRCRAFT	DATE	DIAGRAM
F-4	OCT. 75	UJ-1

PGG095.J1R1 DATE = 09/16/75

FLIGHT SAFETY PREDICTION TECHNIQUE

0000000001111111112222222223333333334444444445555555556666666667777777778			
1234567890123456789012345678901234567890123456789012345678901234567890			
F4 PROPULSION	B		AAAAAAAAA
F4 BASIC ENGINE	LBA	B	032111110
F4 BASIC ENGINE	RBA	B	032111110
F4 MAIN BRACE ASSY UPPER OUTHD 2398A	LBAA	LBA	8
F4 MAIN BRACE ASSY UPPER OUTHD 2398A	RBAA	RBA	8
F4 MAIN BRACE ASSY LOWER INBD 2398B	LBAB	LBA	8
F4 MAIN BRACE ASSY LOWER INBD 2398B	RBAB	RBA	8
F4 MAIN BRACE ASSY INBOARD LEFT 2398C	LBAC	LBA	8
F4 MAIN BRACE ASSY INBOARD LEFT 2398C	RBAC	RBA	8
F4 MAIN BRACE ASSY INBOARD R. 2398D	LBAD	LBA	8
F4 MAIN BRACE ASSY INBOARD R. 2398D	RBAD	RBA	8
F4 SIDE MOUNT ASSY ENGINE FWD 2398E	LBAE	LBA	8
F4 SIDE MOUNT ASSY ENGINE FWD 2398E	RBAE	RBA	8
F4 UPPER MOUNT ASSY ENGINE FWD 2398F	LBAF	LBA	8
F4 UPPER MOUNT ASSY ENGINE FWD 2398F	RBAF	RBA	8
F4 PAD ASSY FRONT MOUNT 2398G	LBAG	LBA	8
F4 PAD ASSY FRONT MOUNT 2398G	RBAG	RBA	8
F4 LINK ASSY FRONT MOUNT 2398H	LBAH	LBA	8
F4 LINK ASSY FRONT MOUNT 2398H	RBAH	RBA	8
F4 FWD SIDE MOUNT ASSY UNIVERSL 2398J	LBAJ	LBA	8
F4 FWD SIDE MOUNT ASSY UNIVERSL 2398J	RBAG	RBA	8
F4 FWD SIDE MOUNT FITTING ASSY 2398K	LBAK	LBA	8
F4 FWD SIDE MOUNT FITTING ASSY 2398K	RBAK	RBA	8
F4 PIN MAIN MOUNT 2398L	LBAL	LBA	A
F4 PIN MAIN MOUNT 2398L	RBAL	RBA	A
F4 MAIN BRACE ASSY SIDE MOUNT 2398M	LBAM	LBA	A

PG0095.J1R1 DATE = 09/16/75

FLIGHT SAFETY PREDICTION TECHNIQUE

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 MAIN BRACE ASSY SIDE MOUNT 2396M RBAM RBA A
F4 SUPPORT ENGINE MOUNT 23438 LBA LBA A
F4 SUPPORT ENGINE MOUNT 23438 RBA RBA A
F4 BOLT ENG FWD MOUNT 2398N LBAP LBA 8
F4 BOLT ENG FWD MOUNT 2398N RBAP RBA 8
F4 LEFT ENGINE THRUST LBBA LBA AAAAAAAAAA
F4 LBBA LBBG FAAAAAAAAA
F4 LBBA DABB FAAAAAAAAA
F4 RIGHT ENGINE THRUST RBA RBA AAAAAAAAAA
F4 RBBA RBBG FAAAAAAAAA
F4 RBBA DABB FAAAAAAAAA
F4 CONE INNER REAR 23511 LBBA LBA A
F4 CONE INNER REAR 23511 RBBA RBA A
F4 DUCT EXHAUST FORWARD 23521 LBBA LBA A
F4 DUCT EXHAUST FORWARD 23521 RBBA RBA A
F4 DUCT EXHAUST REAR 23522 LBBA LBA A
F4 DUCT EXHAUST REAR 23522 RBBA RBA A
F4 LINER NO 1 23523 LBBA LBA 5
F4 LINER NO1 23523 RBBA RBA 5
F4 LINER NO2 23524 LBBA LBA 5
F4 LINER NO2 23524 RBBA RBA 5
F4 LINER NO3 23525 LBBA LBA 5
F4 LINER NO3 23525 RBBA RBA 5
F4 LINER NO4 23526 LBBA LBA 5
F4 LINER NO4 23526 RBBA RBA 5
F4 EXHAUST NOZZLE AREA POSITION LBBA LBA 010000000
F4 LBBA LBBK F11111111
F4 EXHAUST NOZZLE AREA POSITION RBBA RBA 010000000
F4 RBBA RBBK F11111111
F4 RING SUPPORT 23533 LBBA LBA A
F4 RING SUPPORT 23533 RBBA RBA A
F4 BELLCRANK 2353A LBBA LBA A
F4 BELL CRANK 2353A RBBA RBA A
F4 FLAP PRIMARY 2353B LBBA LBA A
F4 FLAP PRIMARY 2353B RBBA RBA A
F4 SEAL PRIMARY 2353C LBBA LBA 2
F4 SEAL PRIMARY 2353C RBBA RBA 2
F4 SEAL SECONDARY 2353D LBBA LBA 5
F4 SEAL SECONDARY 2353D RBBA RBA 5
F4 FLAP SECONDARY 2353E LBBA LBA A
F4 FLAP SECONDARY 2353E RBBA RBA A
F4 HINGE 2353F LBBA LBA A
F4 HING 2353F RBBA RBA A
F4 SHROUD OUTER 23534 LBBA LBA A
F4 SHROUD OUTER 23534 RBBA RBA A
F4 BRACKET OUTER SHROUD EXHAUST 23527 LBBA LBA A
F4 BRACKET OUTER SHROUD EXHAUST 23527 RBBA RBA A
F4 EXHAUST NOZZLE ACTUATION LBBA LBA AAAAAAAAAA
F4 EXHAUST NOZZLE ACTUATION RBBA RBA AAAAAAAAAA
F4 DRIVE SHAFT FLEX 2353L LBBA LBA 2

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PGG095.J1R1 DATE = 09/16/75

FLIGHT SAFETY PREDICTION TECHNIQUE

00000000111111112222222222333333333344444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890

F4 DRIVE SHAFT FLEX	2353L	R8888A	R888B	2
F4 DRIVE SHAFT FLEX	2353L	L8888B	L888B	2
F4 DRIVE SHAFT FLEX	2353L	R8888B	R888B	2
F4 DRIVE SHAFT FLEX	2353L	L8888C	L888B	2
F4 DRIVE SHAFT FLEX	2353L	R8888C	R888B	2
F4 DRIVE SHAFT FLEX	2353L	L8888D	L888B	2
F4 DRIVE SHAFT FLEX	2353L	R8888D	R888B	2
F4 ACTUATOR NOZZLE	2353I	L8888E	L888B	2
F4 ACTUATOR NOZZLE	2353I	R8888E	R888B	2
F4 ACTUATOR NOZZLE	2353I	L8888F	L888B	2
F4	2353I	R8888F	R888B	2
F4 ACTUATOR NOZZLE	2353I	L8888G	L888B	2
F4	2353I	R8888G	R888B	2
F4 ACTUATOR NOZZLE	2353I	L8888H	L888B	2
F4	2353I	R8888H	R888B	2
F4 RING ACTUATOR SECONDARY	2353B	L8888J	L888B	A
F4 RING ACTUATOR SECONDARY	2353B	R8888J	R888B	A
F4 CAM LINK ACTUATOR	23537	L8888K	L888B	4
F4 CAM LINK ACTUATOR	23537	R8888K	R888B	4
F4 CAM LINK ACTUATOR	23537	L8888L	L888B	4
F4 CAM LINK ACTUATOR	23537	R8888L	R888B	4
F4 CAM LINK ACTUATOR	23537	L8888M	L888B	4
F4 CAM LINK ACTUATOR	23537	R8888M	R888B	4
F4 CAM LINK ACTUATOR	23537	L8888N	L888B	4
F4 CAM LINK ACTUATOR	23537	R8888N	R888B	4
F4 BOLT CAM LINK	23538	L8888P	L888B	4
F4 BOLT CAM LINK	23538	R8888P	R888B	4
F4 BOLT CAM LINK	23538	L8888Q	L888B	4
F4 BOLT CAM LINK	23538	R8888Q	R888B	4
F4 BOLT CAM LINK	23538	L8888R	L888B	4
F4 BOLT CAM LINK	23538	R8888R	R888B	4
F4 BOLT CAM LINK	23538	L8888S	L888B	4
F4 BOLT CAM LINK	23538	R8888S	R888B	4
F4 EXHAUST NOZZLE PRESSURE GEN		L888C	L888B	AAAAA
F4 EXHAUST NOZZLE PRESSURE GEN		R888C	R888B	AAAAA
F4 PUMP NOZZLE HYDRAULIC	2353M	L888CA	L888C	A
F4 PUMP NOZZLE HYDRAULIC	2353M	R888CA	R888C	A
F4 FILTER HYD BI-DIRECTIONAL	2353T	L888CB	L888C	0
F4 FILTER HYD BI-DIRECTION	2353T	R888CB	R888C	0
F4 FILTER HYD BI-DIRECTIONAL	2353T	L888CC	L888C	0
F4 FILTER HYD BI-DIRECTION	2353T	R888CC	R888C	0
F4 CHECK VALVE	2353N	L888CD	L888C	0
F4 CHECK VALVE	2353N	R888CD	R888C	0
F4 VALVE HYD PRESS RELIEF	2353U	L888CE	L888C	1
F4 VALVE HYD PRESS RELIEF	2353U	R888CE	R888C	1
F4 CHECK VALVE	2353V	L888CF	L888C	0
F4 CHECK VALVE	2353V	R888CF	R888C	0
F4 EXHAUST NOZZLE AREA CONTROL		L888D	L888C	AAAAA
F4		L888D	DACH	FAAAAAA
F4 EXHAUST NOZZLE AREA CONTROL		R888D	R888C	AAAAA

PGG095.JIR1 DATE = 09/16/75

FLIGHT SAFETY PREDICTION TECHNIQUE

0000000001111111112222222223333333334444444445555555556666666667777777778
1234567890123456789012345678901234567890123456789012345678901234567890

F4		RBBBD	DACB	FAAAAAAAAA
F4 CONTROL NOZZLE AREA	2353S	RBBADA	RBBBD	A
F4 CONTROL NOZZLE AREA PRI-MARY	2353S	LBBBD	LBBBD	A
F4 HYDRAULIC SUPPLY GEN		LBBBE	LBBBC	AAAAAAAAA
F4		LBBBE	LBBBD	FAAAAAAAAA
F4		RBBBE	RBBBC	AAAAAAAAA
F4 HYD. OIL SUPPLY GEN.		RBBBE	RBBBD	FAAAAAAAAA
F4 VALVE HYDRAULIC PRESS. RELIEF	2353U	LBBBE	LBBBE	0
F4 VALVE HYD. PRESS. RELIEF	2353U	RBBBE	RBBBE	0
F4 VALVE ANTI-STATIC LEAK	2371L	LBBBE	LBBBE	0
F4 VALVE ANTI-STATIC LEAK	2371L	RBBBE	RBBBE	0
F4 FILTER ELEM	2371S	LBBEX	LBBBE	0
F4 FILTER ELEM	2371S	RBBEX	RBBBE	0
F4 FILTER ASSY	2371R	LBBEY	LBBBE	0
F4 FILTER ASSY	2371R	RBBEY	RBBBE	0
F4 PUMP MAIN LUBE	2371B	LBBEZ	LBBBE	A
F4 PUMP MAIN LUBE	2371B	RBBEZ	RBBBE	A
F4 AMPLIFY /, TEMPERATURE CONT.		LBBBG	LBBBD	55555555
F4 AMPLIFY TEMP CONT		RBBBG	RBBBD	55555555
F4 AMPL. TEMP. CONT.	2353R	LBBGA	LBBBG	A
F4 AMPL TEMP	2353R	RBBGA	RBBBG	A
F4E SWITCH RESET EGT	2353Y	LBBGB	LBBBG	1
F4E SWITCH RESET EGT	2353Y	RBBGB	RBBBG	1
F4 ELECT. PWR SUPPLY TEMP CONT		LBBBH	LBBBG	AAAAAAAAA
F4 ELECT PWR SUPPLY TEMP CONT		RBBBH	RBBBG	AAAAAAAAA
F4 GENERATOR TEMPERATURE AMPL.	2353W	LBBHA	LBBBH	A
F4 GENERATOR TEMP AMPL	2353W	RBBHA	RBBBH	A
F4 TEMPERATURE SENSING		LBBBJ	LBBBG	AAAAAAAAA
F4 TEMPERATURE SENSING		RBBBJ	RBBBG	AAAAAAAAA
F4 POWER INVERTER STATIC	2392B	LBBJA	LBBBJ	A
F4 POWER INVERTER STATIC	2392B	RBBJA	RBBBJ	A
F4 UPPER THERMOCOUPLE HARNESS	2392C	LBBJB	LBBBJ	8
F4 UPPER THERMOCOUPLE HARNESS	2392C	RBBJB	RBBBJ	8
F4 LOWER THERMOCOUPLE HARNESS	2392D	LBBJC	LBBBJ	8
F4 LOWER THERMOCOUPLE HARNESS	2392D	RBBJC	RBBBJ	8
F4 SENSOR MECHANICAL		LBBBK	LBBBD	55555555
F4 SENSOR MECHANICAL		RBBBK	RBBBD	55555555
F4 BOX TELEFLEX	2353P	LBBKA	LBBBK	A
F4 BOX TELEFLEX	2353P	RBBKA	RBBBK	A
F4 CABLE TEMP COMP	2353J	LBBKB	LBBBK	1
F4 CABLE TEMP COMP	2353J	RBBKB	RBBBK	1
F4 CONT BOX MECH CABLE	2353Q	LBBKC	LBBBK	1
F4 CONT BOX MECH CABLE	2353Q	RBBKC	RBBBK	1
F4E CABLE NOZZLE FEEDBACK	2353X	LBBKD	LBBBK	1
F4E CABLE NOZZLE FEEDBACK	2353X	RBBKD	RBBBK	1
F4 COMPENSATOR TEMP	2353G	LBBKE	LBBBK	1
F4 COMPENSATOR TEMP	2353G	RBBKE	RBBBK	1
F4 COMBUSTION		LBB	LBB	AAAAAAAAA
F4		LBB	LBB	FAAAAAAAAA
F4		LBB	LBBPH	FAAAAAAAAA

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00000000011111111222222222333333333344444444445555555555666666666677777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 COMBUSTION R88C R88A AAAAAAAAAA
F4 R88C R88BJ FAAAAAAAAA
F4 R88C R88PH FAAAAAAAAA
F4 CLAMP TUBE CROSS IGNITION 2331A L88CA L88C A
F4 CLAMP TUBE CROSS IGNITION 2331A R88CA R88C A
F4 DUCT ASSEMBLY TRANSITION 2331B L88CB L88C A
F4 DUCT ASSY TRANSITION 2331B R88CB R88C A
F4 SEAL ASSY.TURBINE SHAFT 2331C L88CC L88G 7
F4 SEAL ASSY TURBINE SHAFT 2331C R88CC R88G 7
F4 CASING ASSY. OUTER 23311 L88CD L88C A
F4 CASING ASSY OUTER 23311 R88CD R88C A
F4 CASING ASSY. INNER 23312 L88CE L88C A
F4 CASING ASSY INNER 23312 R88CE R88C A
F4 LINER INNER COMBUSTION 23313 L88CF L88C 2
F4 LINER INNER COMBUSTION 23313 R88CF R88C 2
F4 LINER INNER IGNITION 23314 L88CG L88C 2
F4 LINER INNER IGNITION 23314 R88CG R88C 2
F4 LINER OUTER COMBUSTION 23315 L88CH L88C 2
F4 LINER OUTER COMBUSTION 23315 R88CH R88C 2
F4 LINER OUTER IGNITION 23316 L88CJ L88C 2
F4 LINER OUTER IGNITION 23316 R88CJ R88C 2
F4 LINER REAR 23317 L88CK L88C 4
F4 LINER REAR 23317 R88CK R88C 4
F4 TURE CROSS IGNITION 23318 L88CL L88C A
F4 TUBE CROSS IGNITION 23318 R88CL R88C A
F4 MAIN FUEL DELIVERY L88DA L88C AAAAAAAAAA
F4 MAIN FUEL DELIVER R88DA R88C AAAAAAAAAA
F4 NOZZLE MAIN FUEL 2361J L88DAA L88DA 0
F4 NOZZLE MAIN FUEL 2361J R88DAA R88DA 0
F4 NOZZLE MAIN FUEL 2361J L88DAB L88DA 1
F4 NOZZLE MAIN FUEL 2361J R88DAB R88DA 1
F4 NOZZLE MAIN FUEL 2361J L88DAC L88DA 0
F4 NOZZLE MAIN FUEL 2361J R88DAC R88DA 0
F4 NOZZLE MAIN FUEL 2361J L88DAD L88DA 1
F4 NOZZLE MAIN FUEL 2361J R88DAD R88DA 1
F4 NOZZLE MAIN FUEL 2361J L88DAE L88DA 0
F4 NOZZLE MAIN FUEL 2361J R88DAE R88DA 0
F4 NOZZLE MAIN FUEL 2361J L88DAF L88DA 1
F4 NOZZLE MAIN FUEL 2361J R88DAF R88DA 1
F4 NOZZLE MAIN FUEL 2361J L88DAG L88DA 0
F4 NOZZLE MAIN FUEL 2361J R88DAG R88DA 0
F4 NOZZLE MAIN FUEL 2361J L88DAH L88DA 1
F4 NOZZLE MAIN FUEL 2361J R88DAH R88DA 1
F4 NOZZLE MAIN FUEL 2361J L88DAJ L88DA 1
F4 NOZZLE MAIN FUEL 2361J R88DAJ R88DA 1
F4 NOZZLE MAIN FUEL 2361J L88DAK L88DA 1
F4 NOZZLE MAIN FUEL 2361J R88DAK R88DA 1
F4 MANIFOLD FUEL INLET 2361L L88DAL L88DA 8
F4 MANIFOLD MAIN FUEL 2361L R88DAL R88DA 8
F4 MANIFOLD FUEL INLET 2361L L88DAM L88DA 8

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 MANIFOLD MAIN FUEL 2361L RBB DAN RBB DA 8
F4 MANIFOLD FUEL NOZZLE RH 2361R LBB DAP LBB DA 8
F4 MANIFOLD FUEL NOZZLE RH 2361R RBB DAP RBB DA 8
F4 MANIFOLD FUEL NOZZLE LH 2361S LBB DAQ LBB DA 8
F4 MANIFOLD FUEL NOZZLE LH 2361S RBB DAQ RBB DA 8
F4 MANIFOLD FUEL QEC 2361T LBB DAR LBB DA 8
F4 MANIFOLD FUEL QEC 2361T RBB DAR RBB DA 8
F4 MAIN FUEL PRESSURIZER LBB DB LBB DA AAAAAAAAAA
F4 LBB DB LBB RE FAAAAAAAAA
F4 MAIN FUEL PRESSURIZER RBB DB RBB DA AAAAAAAA
F4 LBB DB RBB RE FAAAAA.AAA
F4 VALVE FUEL PRESS / DRAIN 2361H LBB DBA LBB DB A
F4 VALVE FUEL PRESSURIZER/DRAIN 2361H RBB DBA RBB DB A
F4 LBB DC LBB BG FAAAAAAAAA
F4 MAIN FUEL CONTROL : DIST. LBB DC LBB DB AAAAAAAAAA
F4 LBB DC LBB JC FAAAAAAAAA
F4 MAIN FUEL CONTROL : DIST. LBB DC LBB QE FAAAAAAAAA
F4 LBB DC LBB RD FAAAAAAAAA
F4 LBB DC LBB SD FAAAAAAAAA
F4 LBB DC DAFT FAAAAAAAAA
F4 RBB DC RBB BG FAAAAAAAAA
F4 MAIN FUEL CONTROL : DIST. RBB DC RBB DB AAAAAAAAAA
F4 RBB DC RBB JC FAAAAAAAAA
F4 RBB DC RBB QE FAAAAAAAAA
F4 FUEL CONT/DIST RBB DC RBB RD FAAAAAAAAA
F4 RBB DC RBB SD FAAAAAAAAA
F4 RBB DC DAFT FAAAAAAAAA
F4 CONTROL MAIN FUEL 2361R LBB DCA LBB DC A
F4 CONTROL MAIN FUEL 2361R RBB DCA RBB DC A
F4 ACTUATOR ROTOR 2361C LBB DCB RBB DC A
F4 ACTUATOR ROTOR 2361C RBB DCB RBB DC A
F4 FILTER ASSY MAIN FUEL 2361U LBB DCE LBB DC 0
F4 FILTER ASSY MAIN FUEL 2361U RBB DCE RBB DC 0
F4 FILTER ELEM MAIN FUEL 2361V LBB DCF LBB DC 0
F4 FILTER ELEM MAIN FUEL 2361V RBB DCF RBB DC 0
F4 FILTER ASSY FUEL REF 2361W LBB DCG LBB DC 0
F4 FILTER ASSY FUEL REF 2361W RBB DCG RBB DC 0
F4 FILTER ELEM FUEL REF 2361X LBB DCH LBB DC 0
F4 FILTER ELEM FUEL REF 2361X RBB DCH RBB DC 0
F4 LBB DD LBB BG FAAAAAAAAA
F4 MAIN FUEL PRESSURE GEN LBB DD LBB DC AAAAAAAAAA
F4 MAIN FUEL PRESS GEN LBB DD DAFT FAAAAAAAAA
F4 RBB DD RBB BG FAAAAAAAAA
F4 MAIN FUEL PRESSURE GEN RBB DD RBB DC AAAAAAAAAA
F4 MAIN FUEL PRESS GEN RBB DD DAFT FAAAAAAAAA
F4 PUMP MAIN FUEL 2361D LBB DDA LBB DD A
F4 PUMP MAIN FUEL 2361D RBB DDA RBB DD A
F4 FILTER ASSY LP FUEL 2361Y LBB DD LBB DD 0
F4 FILTER ASSY LP FUEL 2361Y RBB DD RBB DD 0
F4 FILTER ELEM LP FUEL 2361Z LBB DD LBB DD 0

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 FILTER ELEM LP FUEL 2361Z RBBDDO RBBDD 0
F4 THROTTLE MOVEMENT CONTROL LBBDE LBBRA S888888838
F4 LBBDE LBBBD FAAAAAAAAA
F4 TROTTLE MOVEMENT CONTROL LBBDE LBBDC FAAAAAAAAA
F4 LBBDE LBBJC FAAAAAAAAA
F4 LBBDE LBCA F000000001
F4 THROTTLE MOVEMENT CONTROL RBBDE RBBBA S888888888
F4 RBBDE RBBBD FAAAAAAAAA
F4 TROTTLE MOVEMENT CONTROL RBBDE RBBDC FAAAAAAAAA
F4 RBBDE RBBQC FAAAAAAAAA
F4 RBBDE RBCA F000000001
F4 CONTROL BOX MECH CABLE 2361M LBBDEA LBBDA A
F4 CONTROL BOX MECH CABLE 2361M RBBDEA RBBDA A
F4 TROTTLE LEVER %PILOT< 2396B LBBDEB LBBDE 2
F4 TROTTLE LEVER %PILOT< 2396B RBBDEB RBBDE 2
F4 TROTTLE LEVER %RADAR/PILOT< 2396B LBBDEC LBBDE 0
F4 TROTTLE LEVER %RADAR/PILOT< 2396B RBBDEC RBBDE 0
F4 BOX AND TORQUE SHAFT ASSY 2396D LBBDED LBBDE A
F4 BOX AND TORQUE SHAFT ASSY 2396D RBBDED RBBDE A
F4 TELESCOPIC UNIT%PILOT QUAD< 2396E LBBDEE LBBDE 2
F4 TELESCOPIC UNIT%PILOT QUAD< 2396E RBBDEE RBBDE 0
F4 TELESCOPIC UNIT%RADAR QUAD< 2396E LBBDEF LBBDE 0
F4 TELESCOPIC UNIT%RADAR QUAD< 2396E RBBDEF RBBDE 0
F4 BOX AND TORQUE SHAFT%HUYNCK< 2396H LBBDEG LBBDE A
F4 BOX AND TORQUE-SHAFT%HUYNCK< 2396H RBBDEG RBBDE A
F4 TROTTLE CONTROL CABLE 2396J LBBDEH LBBDE A
F4 TROTTLE CONTROL CABLE 2396J RBBDEH RBBDE A
F4 CONTROL BOX TANDEM %TELFLEX<2396C BBDEJ LBBDE A
F4 CONTROL BOX TANDEM %TELFLEX<2396C BBDEJ RBBDE A
F4 BOX DUEL CONT. TROTTLE %HYK<2396G BBDEK LBBDE A
F4 BOX DUEL CONT TROTTLE %HYK< 2396G BBDEK RBBDE A
F4 TROTTLE QUADRANT %PILOT< 2396A BBDEL LBBDE 2
F4 TROTTLE QUADRANT %PILOT< 2396A BBDFL RBBDE 2
F4 TROTTLE QUADRANT %RADAR QPR<2396A BBDEM LBBDE 0
F4 TROTTLE QUADRANT%RADAR/PILOT2396A BBDEM RBBDE 0
F4 THROTTLE CROSSOVER 2396F LBBDEN LBBDE A
F4 THROTTLE CROSSOVER 2396F RBBDEN RBBDE A
F4 MAIN IGNITION LBBEA LBBBC T 00AAAAA00
F4 MAIN IGNITION RBBEA RBBRC T 00AAAAA00
F4 IGNITER PLUG MAIN IGNITION 2382C LBBEAA LBBEA 1
F4 IGNITER PLUG MAIN IGNITION 2382C RBBEAA RBBEA 1
F4 IGNITER PLUG MAIN IGNITION 2382C LBBEAB LBBEA 1
F4 IGNITER PLUG MAIN IGNITION 2382C RBBEAB RBBEA 1
F4 MAIN IGNITION GENERATION LBBEB LBBEA AAAAAAAAAA
F4 MAIN IGNITION GENERATION RBBEB RBBEA AAAAAAAAAA
F4 EXCITER IGNITION DUEL CKT. 2382A LBBEBA LBBEB 1
F4 EXCITER IGNITION DUEL CKT 2382A RBBEBA RBBEB 1
F4 EXCITER IGNITION SECOND MAIN2382B LBBEBB LBBEB 1
F4 EXCITER IGNITION SECOND MAIN2382B RBBEBB RBBEB 1
F4 MAIN IGNITION SELECT LBBEC LBBEB AAAAAAAAAA

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 MAIN IGNITION SELECT          RBBEC          RBBEB          AAAAAAAAAA
F4 SWITCH IGNITION                99238 LBBECA          LBBEC          A
F4 IGNITION SWITCH                99238 RBBECA          RBBEC          A
F4                                LBBF          LBBBG          FAAAAAAAAA
F4 COMPRESSION                    LBBF          LBHC          AAAAAAAAAA
F4                                LBBF          LBBDC          FAAAAAAAAA
F4                                LBBF          LBBQC          FAAAAAAAAA
F4                                LBBF          FAAL          F111111111
F4 COMPRESSION                    LBBF          LEJF          FAAAAAAAAA
F4                                LBBF          FEAA          FAAAAAAAAA
F4                                RBBF          RBBRG          FAAAAAAAAA
F4 COMPRESSION                    RBBF          RBHC          AAAAAAAAAA
F4                                RBBF          RBBDC          FAAAAAAAAA
F4                                RBBF          RBBQC          FAAAAAAAAA
F4                                RBBF          FAAL          F111111111
F4 COMPRESSION                    RBBF          REJF          FAAAAAAAAA
F4                                RBBF          FEAB          FAAAAAAAAA
F4 FRAME FRONT                    23211 LBBFA          LBBF          A
F4 FRAME FRONT                    23211 RBBFA          RBBF          A
F4 HOUSING BEARING NO1            23212 LBBFAA          LBBF          A
F4 HOUSING BEARING NO1            23212 RBBFAA          RBBF          A
F4 BEARING NO 1 RACE : ROLLER     23213 LBBFAB          LBBF          A
F4 BEARING NO1 RACE : ROLLER     23213 RBBFAB          RBBF          A
F4 COVER MANIFOLD                 23216 LBBFAC          LBBF          A
F4 COVER MANIFOLD                 23216 RBBFAC          RBBF          A
F4 NOZZLE OIL NO1 BEARING         2321E LBBFAD          LBBSA          A
F4 NOZZLE OIL NO1 BEARING         2321E RBBFAD          RBBSA          A
F4 SEAL OIL NO1 BEARING           23218 LBBFAE          LBBSA          2
F4 SEAL OIL NO1 BEARING           23218 RBBFAE          RBBSA          2
F4 CONNECTOR ASSY.                2322A LBBFBA          LBBF          A
F4 CONNECTOR ASSY.                2322A RBBFBA          RBBF          A
F4 VANE STATOR                    2322B LBBFBB          LBBF          A
F4 VANE STATOR                    2322B RBBFBB          RBBF          A
F4 SHROUD VANE                    2322C LBBFBC          LBBF          A
F4 SHROUD VANE                    2322C RBBFBC          RBBF          A
F4 CASING ASSY. REAR              2322F LBBFBD          LBBF          A
F4 CASING ASSY. REAR              2322F RBBFBD          RBBF          A
F4 CASING ASSY. FRONT             23221 LBBFBE          LBBF          A
F4 CASING ASSY. FRONT             23221 RBBFBE          RBBF          A
F4 SUPPORT                        23223 LBBFBF          LBBF          A
F4 SUPPORT                        23223 RBBFBF          RBBF          A
F4 BAFFLE AIR                     2323A LBBFCA          LBBF          A
F4 BAFFLE AIR                     2323A RBBFCA          RBBF          A
F4 CONE TORQUE                    2323B LBBFCB          LBBF          4
F4 CONE TORQUE                    2323B RBBFCB          RBBF          4
F4 RING DISC RETAINING            2323C LBBFCC          LBBF          A
F4 RING DISC RETAINING            2323C RBBFCC          RBBF          A
F4 SHAFT REAR STUB                2323D LBBFCD          LBBF          A
F4 SHAFT REAR STUB                2323D RBBFCD          RBBF          A
F4 SEAL AIR ROTATING STAGE 17     2323E LBBFCE          LBBF          8

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F4 SEAL AIR ROTATING STAGE 17	2323E	RBBFCE	RBBF	8
F4 RACE INNER NO.1 BEARING	23231	LBBFCF	LBBF	A
F4 RACE INNER NO1 BEARING	23231	RBBFCF	RBBF	A
F4 RACE INNER AIR-OIL SEAL NO1	23232	LBBFCG	LBBFA	2
F4 RACE INNER AIR-OIL SEAL NO1	23232	RBBFCG	RBBFA	2
F4 RING BLADE RETAINING	23233	LBBFCH	LBBF	A
F4 RING BLADE RETAINING	23233	RBBFCH	RBBF	A
F4 SHAFT FRONT STUB	23234	LBBFCJ	LBBF	A
F4 SHAFT FRONT STUB	23234	RBBFCJ	RBBF	A
F4 DUCT AIR	23235	LBBFCK	LBBF	2
F4 DUCT AIR	23235	RBBFCK	RBBF	2
F4 DISC	23236	LBBFCL	LBBF	4
F4 DISC	23236	RBBFCL	RBBF	4
F4 SPACER	23237	LBBFCM	LBBF	2
F4 SPACER	23237	RBBFCM	RBBF	2
F4 BLADE	23238	LBBFCN	LBBF	A
F4 BLADE	23238	RBBFCN	RBBF	A
F4 FRAME	23241	LBBFD	LBBF	A
F4 FRAME	23241	RBBFD	RBBF	A
F4 TUBE ASSY NO.5 STRUT	2324A	LBBFDA	LBBFA	5
F4 TUBE ASSY NO5 STRUT	2324A	RBBFDA	RBBFA	5
F4 TUBE ASSY NO.6 STRUT	2324B	LBBFDB	LBBSE	2
F4 TUBE ASSY NO6 ATRUT	2324B	RBBFDB	RBBSE	2
F4 SEAL AIR NO.2 BEARING FWD	2324C	LBBFDC	LBBF	5
F4 SEAL AIR NO2 BEARING FWD	2324C	RBBFDC	RBBF	5
F4 RACE AIR SEAL NO.2 BRNG FWD	2324D	LBBFDD	LBBF	5
F4 RACE AIR SEAL NO2 BRING FWD	2324D	RBBFDD	RBBF	5
F4 SEAL OIL NO2 BEARING FORWARD	2324E	LBBFDE	LBBFA	2
F4 SEAL OIL NO2 BEARING FORWARD	2324E	RBBFDE	RBBFA	2
F4 RACE OIL SEAL NO2 BRING FWD	2324F	LBBFDF	LBBFA	2
F4 RACE OIL SEAL NO2 BRING FWD	2324F	RBBFDF	RBBFA	2
F4 BEARING NO2	2324G	LBBFDG	LBBF	A
F4 BEARING NO2	2324G	RBBFDG	RBBF	A
F4 SEAL OIL NO2 BEARING AFT	2324H	LBBFDH	LBBFA	2
F4 SEAL OIL NO2 BEARING AFT	2324H	RBBFDH	RBBFA	2
F4 RACE OIL SEAL NO2 BRING AFT	2324J	LBBFDJ	LBBFA	2
F4 RACE OIL SEAL NO2 BRING AFT	2324J	RBBFDJ	RBBFA	2
F4 SEAL AIR NO.2 BEARING AFT	2324K	LBBFDK	LBBF	5
F4 SEAL AIR NO2 BEARING AFT	2324K	RBBFDK	RBBF	5
F4 SEAL AIR TURBINE	2324L	LBBFDL	LBBF	5
F4 SEAL AIR TURBINE	2324L	RBBFDL	RBBF	5
F4 RACE AIR SEAL FUEL	2324M	LBBFDM	LBBF	5
F4 RACE AIR SEAL DUEL	2324M	RBBFDM	RBBF	5
F4 BLANKET NO.2 SUMP INSULATING	2324N	LBBFDN	LBBF	4
F4 BLANKET NO2 SUMP INSULATING	2324N	RBBFDN	RBBF	4
F4 NUT NO.2 BEARING	2324P	LBBFDP	LBBF	5
F4 NUT NO2 BEARING	2324P	RBBFDP	RBBF	5
F4 AIR SEAL STAGE 17	23242	LBBFDR	LBBF	5
F4 AIR SEAL STAGE 17	23242	RBBFDR	RBBF	5
F4 SUPPORT	23243	LBBFDS	LBBF	2

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F4 SUPPORT	23243	RBBFDS	RBBF	2
F4 BLANKET INSULATION FRONT	23244	LBBFDT	LBBF	3
F4 BLANKET INSULATION FRONT	23244	RBBFDT	RBBF	3
F4 FLANGE AND JACKET	23245	LBBFDU	LBBF	4
F4 FLANGE AND JACKET	23245	RBBFDU	RBBF	4
F4 NUT-PLATE	23246	LBBFDV	LBBF	4
F4 NUT-PLATE	23246	RBBFDV	RBBF	4
F4 TUBE AND NOZZLE ASSY LUBE	23247	LBBFDW	LBBFA	A
F4 TUBE AND NOZZLE ASSY LUBE	23247	RBBFDW	RBBFA	A
F4 TUBE ASSY NO.1 STRUT	23248	LBBFDX	LBBF	5
F4 TUBE ASSY NO1 STRUT	23248	RBBFDX	RBBF	5
F4 ENGINE ROTATION		LBBG	LBBF	AAAAA
F4		LBBG	LBBT	FAAAAAA
F4		LBBG	DAAD	FAAAAAA
F4 ENGINE ROTATION		RBBG	RBBF	AAAAA
F4		RBBG	RBBT	FAAAAAA
F4		RBBG	DAAD	FAAAAAA
F4 SHROUD TURBINE STAGE 1	2341A	LBBGAA	LBBG	A
F4 SHROUD TURBINE STAGE 1	2341A	RBBGAA	RBBG	A
F4 SHROUD TURBINE STAGE 2	2341B	LBBGAB	LBBG	A
F4 SHROUD TURBINE STAGE 2	2341B	RBBGAB	RBBG	A
F4 SHROUD TURBINE STAGE 3	2341C	LBBGAC	LBBG	A
F4 SHROUD TURBINE STAGE 3	2341C	RBBGAC	RBBG	A
F4 CASE ASSY	23411	LBBGAD	LBBG	A
F4 CASE ASSY	23411	RBBGAD	RBBG	A
F4 NOZZLE STAGE 1	23413	LBBGAE	LBBG	A
F4 NOZZLE STAGE 1	23413	RBBGAE	RBBG	A
F4 NOZZLE STAGE 2 UPPER : LOWER	23414	LBBGAF	LBBG	A
F4 NOZZLE STAGE 2 UPPER : LOWER	23414	RBBGAF	RBBG	A
F4 NOZZLE STAGE 3 UPPER : LOWER	23416	LBBGAG	LBBG	A
F4 NOZZLE STAGE 3 UPPER : LOWER	23416	RBBGAG	RBBG	A
F4 SUPPORT RING NOZZLE STAGE 1	23418	LBBGAH	LBBG	A
F4 SUPPORT RING NOZZLE STAGE 1	23418	RBBGAH	RBBG	A
F4 BAFFLE AIR TURBINE INNER	2342K	RBBGB	RBBG	5
F4 BLADE LEADING STAGE 2	2342A	LBBGBA	LBBG	A
F4 BLADE LEADING STAGE 2	2342A	RBBGBA	RBBG	A
F4 BLADE TRAILING STAGE 2	2342B	LBBGBB	LBBG	A
F4 BLADE TRAILING STAGE 2	2342B	RBBGBB	RBBG	A
F4 RING ASSY TURQUF STAGE 2	2342C	LBBGBC	LBBG	A
F4 RING ASSY TORQUE STAGE 2	2342C	RBBGBC	RBBG	A
F4 WHEEL STAGE 3	2342D	LBBGBD	LBBG	A
F4 WHEEL STAGE 3	2342D	RBBGBD	RBBG	A
F4 BLADE LEADING STAGE 3	2342E	LBBGBE	LBBG	A
F4 BLADE LEADING STAGE 3	2342E	RBBGBE	RBBG	A
F4 BLADE TRAILING STAGE 3	2342F	LBBGBF	LBBG	A
F4 BLADE TRAILING STAGE 3	2342F	RBBGBF	RBBG	A
F4 BAFFLE TURBINE ROTOR	2342G	LBBGBG	LBBG	5
F4 BAFFLE TURBINE ROTOR	2342G	RBBGBG	RBBG	5
F4 SUPPORT RING	2342H	LBBGBH	LBBG	A
F4 SUPPORT RING	2342H	RBBGBH	RBBG	A

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F4 SEAL TURBINE REAR	2342J	LBBGBJ	LBBG	5
F4 SEAL AIR TURBINE REAR	2342J	RBBGBJ	RBBG	5
F4 BAFFLE AIR TURBINE INNER	2342K	LBBGBK	LBBG	5
F4 RACE OIL SEAL NO3 BRING FWD	2342L	LBBGBL	LBBSA	2
F4 RACE OIL SEAL NO3 BRING FWD	2342L	RBBGBL	RBBSA	2
F4 RACE OIL SEAL NO3 BRING AFT	2342M	LBBGBM	LBBSA	2
F4 RACE OIL SEAL NO3 BRING AFT	2342M	RBBGBM	RBBSA	2
F4 RACE NO 3 BEARING INNER	2342N	LBBGBN	LBBG	A
F4 RACE NO3 BEARING INNER	2342N	RBBGBN	RBBG	A
F4 SEAL AIR NO 3 BEARING	2342P	LBBGRP	LBBG	5
F4 SEAL AIR NO3 BEARING	2342P	RBBGRP	RBBG	5
F4 BOLT ASSY TURBINE	23421	LBBGBR	LBBG	A
F4 BOLT ASSY TURBINE	23421	RBBGBR	RBBG	A
F4 SHAFT TURBINE	23422	LBBGBS	LBBG	A
F4 SHAFT TURBINE	23422	RBBGBS	RBBG	A
F4 WHEEL STAGE 1	23424	LBBGBT	LBBG	A
F4 WHEEL STAGE 1	23424	RBBGBT	RBBG	A
F4 BLADE LEADING STAGE 1	23425	LBBGBU	LBBG	A
F4 BLADE LEADING STAGE 1	23425	RBBGBU	RBBG	A
F4 BLADE TRAILING STAGE 1	23426	LBBGBV	LBBG	A
F4 BLADE TRAILING STAGE 1	23426	RBBGBV	RBBG	A
F4 RING ASSY TORQUE STAGE 1	23427	LBBGBW	LBBG	A
F4 RING ASSY TORQUE STAGE 1	23427	RBBGBW	RBBG	A
F4 WHEEL STAGE 2	23428	LBBGBX	LBBG	A
F4 WHEEL STAGE 2	23428	RBBGBX	RBBG	A
F4 BEARING ENGINE MOUNT	2343A	LBBGCA	LBBG	A
F4 BEARING ENGINE MOUNT	2343A	RBBGCA	RBBG	A
F4 VANE	2343B	LBBGCB	LBBG	A
F4 VANE	2343B	RBBGCB	RBBG	A
F4 BAFFLE TURBINE ROTOR SPILL	2343C	LBBGCC	LBBG	7
F4 BAFFLE TURBINE ROTOR SPILL	2343C	RBBGCC	RBBG	7
F4 SEAL AIR TURBINE FORWARD	2343D	LBBGCD	LBBG	5
F4 SEAL AIR TURBINE FORWARD	2343D	RBBGCD	RBBG	5
F4 BLANKET INSULATION FRONT	2343E	LBBGCE	LBBG	5
F4 BLANKET INSULATION FRONT	2343E	RBBGCE	RBBG	5
F4 SEAL OIL NO3 BEARING FRONT	2343F	LBBGCF	LBBSA	2
F4 SEAL OIL NO3 BEARING FRONT	2343F	RBBGCF	RBBSA	2
F4 BEARING ROLLER : RACE NO 3	2343G	LBBGCG	LBBG	A
F4 BEARING ROLLER : RACE NO3	2343G	RBBGCG	RBBG	A
F4 SEAL OIL NO3 BEARING REAR	2343H	LBBGCH	LBBSA	2
F4 SEAL OIL NO3 BEARING REAR	2343H	RBBGCH	RBBSA	2
F4 BLANKET INSULATION REAR	2343J	LBBGCJ	LBBG	5
F4 BLANKET INSULATION REAR	2343J	RBBGCJ	RBBG	5
F4 SEAL AIR NO 3 BEARING	2343K	LBBGCK	LBBG	5
F4 SEAL AIR NO3 BEARING	2343K	RBBGCK	RBBG	5
F4 TUBE AND NOZZLE ASSY LUBE	2343L	LBBGCL	LBBSA	A
F4 TUBE AND NOZZLE ASSY LUBE	2343L	RBBGCL	RBBSA	A
F4 SUPPORT CONE TURBINE FRAME	2343N	LBBGCN	LBBG	A
F4 BAFFLE COOLING AIR TURBINE	2343P	LBBGCP	LBBG	5
F4 CONE INNER	23431	LBBGCQ	LBBG	A

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ARINC RESEARCH CORP ANNAPOLIS MD

DEVELOPMENT OF AIR FORCE FLIGHT SAFETY MODELS. VOLUME 5. F-4D; --ETC(U)

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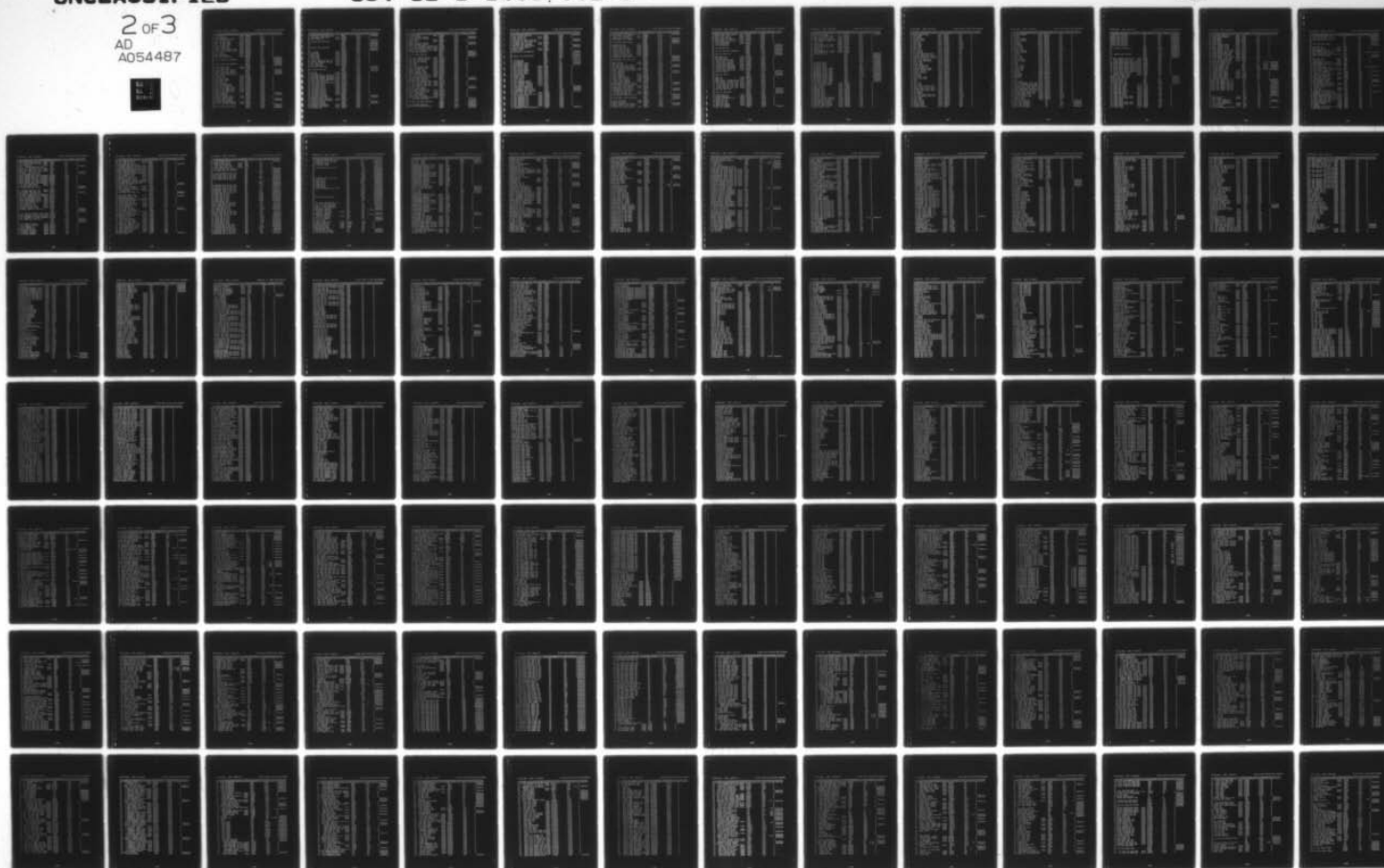
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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 CONE OUTER                23432 LBBGCR LBBG A
F4 HOUSING UNIBALL           23433 LBBGCS LBBG 8
F4 TUBE VENTING NO 6 STRUT    23434 LBBGCT LBBG 2
F4 TUBE OIL NO3 STRUT        23435 LBBGCU LBBGSA A
F4 TUBE OIL NO3 STRUT        23435 RBBGCU RBBGSA A
F4 TUBE OIL NO4 STRUT        23436 LBBGCV LBBGSA 7
F4 TUBE OIL NO4 STRUT        23436 RBBGCV RBBGSA 7
F4 FLANGE INNER CONE         23437 LBBGCW LBBG A
F4 FLANGE INNER CONE         23437 RBBGCW RBBG A
F4 SUPPORT CONE TURBINE FRAME 2343N RBBGGN RBBG A
F4 RAFFLE COOLING AIR TURBINE 2343P RBBGGP RBBG 5
F4 CONE INNER                 23431 RBBGGQ RBBG A
F4 CONE OUTER                 23432 RBBGGR RBBG A
F4 HOUSING UNIBALL           23433 RBBGGS RBBG 8
F4 TUBE VENT NO6 STRUT       23434 RBBGGT RBBG 2
F4                             LBBHA LBBDC FAAAAAAAAA
F4 ENGINE INLET AIR INDUCTION LBBHA LBBF AAAAAAAAAA
F4                             LBBHA LBBJD FAAAAAAAAA
F4                             RBBHA RBBDC FAAAAAAAAA
F4 ENGINE INLET AIR INDUCTION RBBHA RBBF AAAAAAAAAA
F4                             RBBHA RBBJD FAAAAAAAAA
F4 FRAME ASSY FRONT           23210 LBBHAA LBBHA 1
F4 FRAME ASSY FRONT           23210 RBBHAA RBBHA 1
F4 ENGINE INLET AIR CONTROL   LBBHB LBBHA 11111111
F4 ENGINE INLET AIR CONTROL   RBBHB RBBHA 11111111
F4 INLET GUIDE VANE POSITION    LBBJA LBBHB 05555555
F4 INLET GUIDE VANE POSITION    RBBJA RBBHB 05555555
F4 BEARING IGV                 2321A LBBJAA LBBJA 1
F4 BEARING IGV                 2321A RBBJAA RBBJA 1
F4 VANE INLET GUIDE            2321B LBBJAB LBBJA 1
F4 VANE INLET GUIDE            2321B RBBJAB RBBJA 1
F4 BELLCRANK IGV               2321C LBBJAC LBBJA 8
F4 BELLCRANK IGV               2321C RBBJAC RBBJA 8
F4 RING ASSY ACTUATING         2321D LBBJAD LBBJA 8
F4 RING ASSY ACTUATING         2321D RBBJAD RBBJA 8
F4 SUPPORT IGV INNER FRONT     2321J LBBJAE LBBJA 5
F4 SUPPORT IGV INNER FRONT     2321J RBBJAE RBBJA 5
F4 SUPPORT IGV INNER REAR      2321K LBBJAF LBBJA 5
F4 SUPPORT IGV INNER REAR      2321K RBBJAF RBBJA 5
F4 VANE ACTUATION              LBBJB LBBJE AAAAAAAAAA
F4 VANE ACTUATION              RBBJB RBBJE AAAAAAAAAA
F4 ACTUATOR VARIABLE VANE      2322H LBBJBA LBBJB A
F4 ACTUATOR VARIABLE VANE      2322H RBBJBA RBBJB A
F4 VARIABLE VANE CONTROL       LBBJC LBBJB AAAAAAAAAA
F4 VARIABLE VANE CONTROL       RBBJC RBBJB AAAAAAAAAA
F4 CONTROL BOX IGV FEEDBACK    2322J LBBJCA LBBJC A
F4 CONTROL BOX IGV FEEDBACK    2322J RBBJCA RBBJC A
F4                             LBBJD LBBDC FAAAAAAAAA
F4 COMP INLET TEMP SENSING     LBBJD LBBJC AAAAAAAAAA
F4                             RBBJD RBBDC FAAAAAAAAA

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000000000111111112222222222333333333444444444455555555566666666667777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 COMPRESSOR INLET TEMP SENS. RBBJD RBBJC AAAAAAAAAA
F4 COMP INLET TEMP SENSOR 2361A LBBJDA LBBJD A
F4 TEMP SENSOR CIT 2361A RBBJDA RBBJD A
F4 LBBJE LBBJC FAAAAAAAAA
F4 VARIABLE VANE POSITION LBBJE LBBF J11111110
F4 LBBJE LBBJA FAAAAAAAAA
F4 LBBJE LBBJC FAAAAAAAAA
F4 RBBJE RBBJC FAAAAAAAAA
F4 VARIABLE VANE POSITION RBBJE RBBF 011111110
F4 RBBJE RBBJA FAAAAAAAAA
F4 RBBJE RBBJC FAAAAAAAAA
F4 BELLCRANK 23224 LBBJEA LBBJE 1
F4 BELLCRANK 23224 RBBJEA RBBJE 1
F4 MAIN CRANK 23225 LBBJEB LBBJE 8
F4 MAIN CRANK 23225 RBBJEB RBBJE 8
F4 MASTER ROD 23226 LBBJEC LBBJE 3
F4 MASTER ROD 23226 RBBJEC RBBJE 8
F4 BEARING SPHERICAL ROD END 23227 LBBJED LBBJE 8
F4 BEARING SPHERICAL ROD END 23227 RBBJED RBBJE 8
F4 HALF RING ASSY 23228 RBBJEE RBBJE 1
F4 HALF RING ASSY 23228 LBBJFF LBBJE 1
F4 BELLMOUTH POSITION LBBKA LBBHB 001111000
F4 LBBKA LBBN 001111000
F4 BELLMOUTH POSITION RBBKA RBBHB 001111000
F4 RBBKA RBBN 001111000
F4 BEARING 1132A LBBKAA LBBKA 2
F4 BEARINGS -3 1132A RBBKAA RBBKA 2
F4 BELLCRANK VARIABLE BELLMOUTH 1132B LBBKAB LBBKA 4
F4 BELLCRANK VARIABLE BELLMOUTH 1132B RBBKAB RBBKA A
F4 RING ASSY VARIABLE BELLMOUTH 1132C LBBKAC LBBKA A
F4 RING ASSY VARIABLE BELLMOUTH 1132C RBBKAC RBBKA A
F4 IDLER ASSY BELLMOUTH 1132F LBBKAD LBBKA 3
F4 IDLER ASSY VARIABLE BELLMOUTH 1132F RBBKAD RBBKA 3
F4D BELLMOUTH CABLES 1132M LBBKAE LBBKA 5
F4E BELLMOUTH CABLES 1132M LBBKAE LBBKA 5
F4D BELLMOUTH CABLES 1132M RBBKAE RBBKA 5
F4E BELLMOUTH CABLES 1132M RBBKAE RBBKA 5
F4D BELLMOUTH PULLEYS 1132N LBBKAF LBBKA 5
F4E BELLMOUTH PULLEYS 1132N LBBKAF LBBKA 5
F4D BELLMOUTH PULLEYS 1132N RBBKAF RBBKA 5
F4E BELLMOUTH PULLEYS 1132N RBBKAF RBBKA 5
F4 BELLMOUTH ACTUATION LBBKB LBBKA AAAAAAAAAA
F4 BELLMOUTH ACTUATION RBBKB RBBKA AAAAAAAAAA
F4 ACTUATOR BYPASS BELLMOUTH 1132D LBBKBA LBBKB A
F4 ACTUATOR BYPASS BELLMOUTH 1132D RBBKBA RBBKA A
F4 BELLMOUTH CONTROL LBBKC LBBKB AAAAAAAAAA
F4 BELLMOUTH CONTROL RBBKC RBBKB AAAAAAAAAA
F4 CONTROLLER BELLMOUTH 1132G LBBKCA LBBKC A
F4 CONTROLLER BELLMOUTH 1132G RBBKCA RBBKC A
F4 SOLENOID ASSY 1132L LBBKCB LBBKC A

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 SOLENOID ASSY 1132L RBBKCB RBBKC A
F4 STATIC PRESSURE SENSING LBBKD LBBKC AAAAAAAAAA
F4 STATIC PRESSURE SENSING RBBKU RBBKC AAAAAAAAAA
F4 STATIC PORT 9923A LBBKDA LBBKD A
F4 STATIC PORT 99111 RBBKDA RBBKD A
F4 IMPACT PRESSURE SENSING LBBKF LBBKC AAAAAAAAAA
F4 IMPACT PRESSURE SENSING RBBKE RBBKC AAAAAAAAAA
F4 PITOT TUBE BELLMOUTH CONTROL 1132J LBBKEA LBBKE A
F4 PITOT TUBE BELLMOUTH CONTROL 1132J RBBKEA RBBKE A
F4 FILTER ASSY BELLMOUTH PITOT 1132H LBBKEB LBBKE 1
F4 FILTER ASSY BELLMOUTH PITOT 1132H RBBKEB RBBKE 1
F4 VARIABLE RAMP POSITION LBBLA LBBHB F 000252000
F4 LBBLA LBBLC FAAAAAAAAA
F4 VARIABLE RAMP POSITION RBBLA RBBHB F 000252000
F4 RBBLA RBBLC FAAAAAAAAA
F4 RAMP ASSY FORWARD VARIABLE 1131A LBBLAA LBBLA 3
F4 RAMP ASSY FORWARD VARIABLE 1131A RBBLAA RBBLA 3
F4 RAMP ASSY AFT VARIABLE 1131B LBBLAB LBBLA 3
F4 RAMP ASSY AFT VARIABLE 1131B RBBLAB RBBLA 3
F4 RAMP FIXED 1131C LBBLAC LBBLA 0
F4 RAMP FIXED 1131C RBBLAC RBBLA 0
F4 HINGE ASSY MOVABLE RAMP 1131F LBBLAD LBBLA A
F4 HINGE ASSY MOVABLE RAMP 1131F RBBLAD RBBLA A
F4 SWIVEL VARIABLE RAMP 1131G LBBLAE LBBLA 3
F4 SWIVEL VARIABLE RAMP 1131G RBBLAE RBBLA 3
F4 SWIVEL HYDRAULIC RAMP 1131H LBBLAF LBBLA 3
F4 SWIVEL HYDRAULIC RAMP 1131H RBBLAF RBBLA 3
F4 DUCT ASSY FWD FUSE ENG AIR 1131K LBBLAG LBBLA 1
F4 DUCT ASSY FWD FUSE ENG AIR 1131K RBBLAG RBBLA 1
F4 VARIABLE RAMP ACTUATION LBBLB LBBLA AAAAAAAAAA
F4 VARIABLE RAMP ACTUATION RBBLB RBBLA AAAAAAAAAA
F4 CYLINDER ASSY VARIABLE RAMP 1131D LBBLBA LBBLB A
F4 CYLINDER ASSY VARIABLE RAMP 1131D RBBLBA RBBLB A
F4 ROD ASSY VARIABLE RAMP MECH 1131E LBBLBB LBBLB A
F4 ROD ASSY VARIABLE RAMP MECH 1131E RBBLBB RBBLB A
F4 VARIABLE RAMP CONT. LBBLC LBBLB AAAAAAAAAA
F4 VARIABLE RAMP CONTROL RBBLC RBBLB AAAAAAAAAA
F4 SERVO VALVE VARIABLE RAMP 1131J LBBLCA LBBLC A
F4 SERVO VALVE VARIABLE RAMP 1131J RBBLCA RBBLC A
F4 AMPLIF. RAMP CONTROL 1131M LBBLCB LBBLC A
F4 AMPL RAMP CONTROL 1131M RBBLCB RBBLC A
F4 POTENTIOMETER FEEDBACK 1131N LBBLCC LBBLC 5
F4 POTENTIOMETER FEEDBACK SENS 1131N RBBLCC RBBLC 5
F4 TOTAL TEMP DIST (ADCS) BBLD LBBLC 111111111
F4 BBLU RBBLC 111111111
F4 AUXILARY AIR DOORS POSITION LBBMA LBBHB 000000000
F4 LBBMA LBBV 110000011
F4 AUX AIR DOOR POSITION LBBMA LDCJA FAAAAAAAAA
F4 AUXILARY AIR DOOR POSITION RBBMA RBBHB 000000000
F4 RBBMA RBBN 1100C0011

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000000000111111112222222223333333334444444555555556666666667777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 AUX AIR DOOR POSITION          RBBMA          RDCJA          FAAAAAAAAA
F4 DOOR ENGINE AIR              111HA  LBBMAA          LBBMA          0
F4 DOOR ENGINE AIR              111HA  RBBMAA          RBBMA          0
F4 AUXILARY AIR DOOR ACTUATION   LBBMB          LBBMA          AAAAAAAAAA
F4 AUXILARY AIR DOOR ACTUATION   RBBMB          RBBMA          AAAAAAAAAA
F4 CYLINDER ASSY ACTUATOR        1133B  LBBMBA          LBBMB          A
F4 CYLINDER ASSY ACTUATOR        1133B  RBBMBA          RBBMB          A
F4 AUXILARY AIR DOOR CONTROL     LBBMC          LBBMB          A000000AA
F4 AUX AIR DOOR CONTROL          RBBMC          RBBMR          A000000AA
F4 VALVE ASSEMBLY                1133D  LBBMCA          LBBMC          A
F4 VALVE ASSY                    1133D  RBBMCA          RBBMC          A
F4 COOLING AIR DISTRIBUTION      LBBN          LBBNX
F4                                LBBN          LBBSD          F11111111
F4                                LBBN          LBBT           F11111111
F4 COOLING AIR DISTRIBUTION      RBBN          RBBNX          110000011
F4                                RBBN          RBBSD          F11111111
F4                                RBBN          RBBT           F11111111
F4 ATTENUATION                   LBBNX          LBA            111111111
F4 ATTENUATION                   RBBNX          RBA            111111111
F4 AFTERBURNER THRUST            LBBP          LBBA          010000000
F4 AFTERBURNER THRUST            RBBP          RBBA          010000000
F4 RING GUTTER INNER             23512  LBBPA          LBBP          3
F4 RING GUTTER INNER             23512  RBBPA          RBBP          3
F4 RING GUTTER MIDDLE            23513  LBBPB          LBBP          3
F4 RING GUTTER MIDDLE            23513  RBBPB          RBBP          3
F4 RING GUTTER OUTER             23514  LBBPC          LBBP          3
F4 RING GUTTER OUTER             23514  RBBPC          RBBP          3
F4 SUPPORT STRUT                 23515  LBBPD          LBBP          A
F4 SUPPORT STRUT                 23515  RBBPD          RBBP          A
F4 PLATE GUTTER                  23516  LBBPE          LBBP          1
F4 PLATE GUTTER                  23516  RBBPE          RBBP          1
F4 RING SPRAYBAR SPACER          23517  LBBPF          LBBP          1
F4 RING SPRAYBAR SPACER          23517  RBBPF          RBBP          1
F4 RING SPRAYBAR RETAINER        23518  LBBPG          LBBP          5
F4 RING SPRAYBAR RETAINER        23518  RBBPG          RBBP          5
F4 AFTERBURNER COMBUSTION        LBBPH          LBBP          AAAAAAAAAA
F4 AFTERBURNER COMBUSTION        RBBPH          RBBP          AAAAAAAAAA
F4 AFTERBURNER FUEL DELIVERY     LBBQA          LBBPH          AAAAAAAAAA
F4 AFTERBURNER FUEL DELIVERY     RBBQA          RBBPH          AAAAAAAAAA
F4 NOZZLE FUEL MULTI-JET         2362F  LBBQAA          LBBQA          1
F4 NOZZLE FUEL MULTI-JET X21    2362F  RBBQAA          RBBQA          1
F4 FUEL MANIFOLD A/B             2362L  LBBQAB          LBBQA          2
F4 FUEL MANIFOLD A/B             2362L  RBBQAB          RBBQA          2
F4 FUEL MANIFOLD A/B             2362L  LBBQAC          LBBQA          2
F4 FUEL MANIFOLD A/B             2362L  RBBQAC          RBBQA          2
F4 FUEL MANIFOLD A/B             2362L  LBBQAD          LBBQA          2
F4 FUEL MANIFOLD A/B             2362L  RBBQAD          RBBQA          2
F4 FUEL MANIFOLD A/B             2362L  LBBQAE          LBBQA          2
F4 FUEL MANIFOLD A/B             2362L  RBBQAE          RBBQA          2
F4 AFTERBURNER FUEL PRESSURIZER  LBBQB          LBBQA          AAAAAAAAAA

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 AFTERBURNER FUEL PRESSURIZ  RBBQB RBBQA AAAAAAAAAA
F4 VALVE FUEL PRESSURIZER 2362E LBBQBA LBBQB A
F4 VALVE FUEL PRESSURIZER 2362E RBBQBA RBBJB A
F4 AFTERBURNER FUEL CONTROL LBBQC LBBQB AAAAAAAAAA
F4 LBBQC LBBSD F010010000
F4 AFTERBURNER FUEL CONTROL RBBQC RBBJB AAAAAAAAAA
F4 RBBQC RBBSD F010010000
F4 CONTROL A/B FUEL 2362C LBBQCA LBBQC A
F4 CONTROL A/B FUEL 2362C RBBQCA RBBQC A
F4 FILTER ASSY AB FUEL 2362S LBBQCC LBBQC O
F4 FILTER ASSY AB FUEL 2362S RBBQCC RBBQC O
F4 FILTER ELEM AB FUEL 2362T LBBQCD LBBQC O
F4 FILTER ELEM AB FUEL 2362T RBBQCD RBBQC O
F4 CONTROL BOX MECH CABLE 2362M LBBQCE LBBQC A
F4 CONTROL BOX MECH CABLE 2362M RBBQCE RBBQC A
F4 AFTERBURNER FUEL PRESS GEN LBBQD LBBQC AAAAAAAAAA
F4 LBBQD LBBRE FAAAAAAAAAAA
F4 AFTERBURNER FUEL PRESS GEN RBBQD RBBQC AAAAAAAAAA
F4 RBBQD RBBRL FAAAAAAAAAAA
F4 PUMP A/B FUEL 2362A LBBQDA LBBQD A
F4 PUMP A/B FUEL 2362A RBBQDA RBBQD A
F4 A/B FUEL PRESS GEN CONTROL LBBQE LBBQD AAAAAAAAAA
F4 A/B FUEL PRESS GEN CONTROL RBBQE RBBQD AAAAAAAAAA
F4 VALVE STARTING PILOT BURNER 2362H LBBQEA LBBQE A
F4 VALVE STARTING PILOT BURNER 2362H RBBQEA RBBQE A
F4 TORCH IGNITION LBBRA LBBPH 0100000000
F4 TORCH IGNITION RBBRA RBBPH 0100000000
F4 TORCH IGNITER 2351A LBBRAA LBBRA A
F4 TORCH IGNITION 2351A RBBRAA RBBRA A
F4 LINER TORCH IGNITER 2351B LBBRAB LBBRA 1
F4 LINER TORCH IGNITER 2351B RBBRAB RBBRA 1
F4 LINER TORCH IGNITER 2383C LBBRAC LBBRA 1
F4 LINER TORCH IGNITER 2383C RBBRAC RBBRA 1
F4 AFTERBURNER IGNITION & DIST.< LBBRB LBBRA AAAAAAAAAA
F4 AFTERBURNER IGNITION & TORCH< RBBRB RBBRA AAAAAAAAAA
F4 SPARK PLUG TORCH IGNITER 2383A LBBRBA LBBRB A
F4 SPARK PLUG TORCH IGNITER 2383A RBBRBA RBBRB A
F4 AFTERBURNER IGNITION GEN LBBRC LBBRB AAAAAAAAAA
F4 AFTERBURNER IGNITION GEN RBBRC RBBRB AAAAAAAAAA
F4 EXCITER IGN DUAL CKT 2382A LBBRCA LBBRC A
F4 EXCITER IGN DUAL CKT 2382A RBBRCA RBBRC A
F4 AFTERBURNER IGNITION CONTROL LBBRD LBBRC AAAAAAAAAA
F4 LBBRD BCQ F111111111
F4 AFTERBURNER IGNITION CONTROL RBBRD RBBRC AAAAAAAAAA
F4 RBBRD BCQ F111111111
F4 SWITCH PRESSURE 2383B LBBROA LBBRD A
F4 SWITCH PRESSURE 2383B RBBROA RBBRD A
F4 TORCH IGNITER FUEL CONTROL LBBRE LBBRA AAAAAAAAAA
F4 TORCH IGNITER FUEL CONTROL RBBRE RBBRA AAAAAAAAAA
F4 NOZZLE FUEL TORCH IGNITER 2362J LBBREA LBBRE A

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 NOZZLE FUEL TORCH IGNITER 2362J RBBREA RBBRE A
F4 VALVE TORCH IGNITER 2362G LBBREH LBBRE A
F4 VALVE TORCH IGNITER 2362G RBBREB RBBRE A
F4 VALVE CHECK A/B IGNITION 2362K LBBREC LBBRE J
F4 VALVE CHECK A/B IGNITION 2362K RBBREC RBBRE O
F4 VALVE PRESS/VENT 2362B LBBRED LBBRE A
F4 VALVE PRESS/VENT 2362B RBBRED RBBRE A
F4 OIL DISTRIBUTION LBBSA LBBG 017777710
F4 LBBSA LBBSE FAAAAAAAAA
F4 OIL DISTRIBUTION RBBSA RBBG 017777710
F4 RBBSA RBBSE FAAAAAAAAA
F4 LUBE OIL PRESSURE GENERATION LBBSE LBBSA AAAAAAAAAA
F4 LBBSE DADB FAAAAAAAAA
F4 LUBE OIL PRESS GEN RBBSE RBBSA AAAAAAAAAA
F4 RBBSE DADB FAAAAAAAAA
F4 PUMP MAIN LUBE 2371B LBBSEA LBBSE A
F4 PUMP MAIN LUBE 2371B RBBSEA RBBSE A
F4 FILTER ASSY LUBE/HYD 2371K LBBSED LBBSE O
F4 FILTER ASSY LUBE/HYD 2371K RBBSED RBBSE O
F4 FILTER ELEM LUBE/HYD 2371S LBBSEB LBBSE O
F4 FILTER ELEM LUBE/HYD 2371S RBBSEB RBBSE O
F4 FILTER ASSY LUBE/DISCH 2371T LBBSEF LBBSE O
F4 FILTER ASSY LUBE/DISCH 2371T RBBSEF RBBSE O
F4 FILTER ELEM LUBE/DISCH 2371U LBBSEG LBBSE O
F4 FILTER ELEM LUBE/DISCH 2371U RBBSEG RBBSE O
F4 LUBE OIL SUPPLY LBBSC LBBSE AAAAAAAAAA
F4 LBBSC LUFV F77777777
F4 LUBE OIL SUPPLY RBBSC RBBSE AAAAAAAAAA
F4 RBBSC RUFV F77777777
F4 TANK OIL 2371A LBBSCA LBBSC A
F4 TANK OIL 2371A RBBSCA RBBSC A
F4 VALVE PRESS : VACUUM RELIEF 2371F LBBSCC LBBSC O
F4 VALVE PRESS : VACUUM RELIEF 2371F RBBSCC RBBSC J
F4 FILTER ASSY OIL FILL LINE 2371V LBBSCD LBBSC O
F4 FILTER ASSY OIL FILL LINE 2371V RBBSCD RBBSC O
F4 FILTER ELEM OIL FILL LINE 2371W LBBSCF LBBSC O
F4 FILTER ELEM OIL FILL LINE 2371W RBBSCF RBBSC O
F4 LUBE OIL TEMP CONT LBBSD LBBSA 888888888
F4 LBBSD LUFV 888888888
F4 LUBE OIL TEMP CONT RBBSD RBBSA 888888888
F4 RBBSD RUFV 888888888
F4 COOLER MAIN OIL 2371G LBBSDA LBBSD 2
F4 COOLER MAIN OIL 2371G RBBSDA RBBSD 2
F4 COOLER AFTERBURNER OIL 2371H LBBSDB LBBSD 2
F4 COOLER A/B OIL 2371H RBBSDB RBBSD 2
F4 COOLER AIR OIL 2371J LBBSDC LBBSD 2
F4 COOLER AIR OIL 2371J RBBSDC RBBSD 2
F4 VALVE OIL COOLER 2371K LBBSDO LBBSD O
F4 VALVE OIL COOLER 2371K RBBSDO RBBSD O
F4 LUBE OIL SCAVENGE LBBSE LBBSC OAAAAAAAAA

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FLIGHT SAFETY PREDICTION TECHNIQUE

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00000000111111112222222222333333333444444444555555555666666666777777777
1234567890123456789012345678901234567890123456789012345678901234567890
F4 LUBE OIL SCAVENGE                RBBSE                RBBSC                0000000000
F4 VALVE ANTI STATIC LEAK          2371L LBBSEA          LBBSE                1
F4 VALVE ANTI-STATIC LEAK          2371L RBBSEA          RBBSE                1
F4 PUMP SCAVENGE TRANS GEAR        2312U LBBSEE          LBBSE                3
F4 PUMP SCAVENGE TRANS GEAR        2312U RBBSE          RBBSE                3
F4 SCREEN OIL                      2312V LBBSEF          LBBSE                1
F4 SCREEN OIL                      2312V RBBSEF          RBBSE                1
F4 PUMP SCAVENGE NO2 BEAR          2314U LBBSEG          LBBSE                3
F4 PUMP SCAVENGE NO2 BEAR          2314U RBBSEG          RBBSE                3
F4 SCREEN OIL                      2314T LBBSEH          LBBSE                1
F4 SCREEN OIL                      2314T RBBSEH          RBBSE                1
F4 PUMP SCAVENGE NO 3 BEAR          2343M LBBSEJ          LBBSE                3
F4 PUMP SCAVENGE NO 3 BEAR          2343M RBBSEJ          RBBSE                3
F4 ACCESSORY DRIVE                LBBT                LBBBC                FAAAAAAAAA
F4                                LBBT                LBBBF                FAAAAAAAAA
F4                                LBBT                LBBBH                FAAAAAAAAA
F4                                LBBT                LBBDC                FAAAAAAAAA
F4                                LBBT                LBBDD                AAAAAAAAAA
F4                                LBBT                LBBDB                FAAAAAAAAA
F4 ACCESSORY DRIVE                LBBT                LBBSE                FAAAAAAAAA
F4 ACCESSORY DRIVE                LBBT                UAB                AAAAAAAAAA
F4 ACCESSORY DRIVE                LBBT                UCB                555555555
F4 ACCESSORY DRIVE                LBBT                LUFV                AAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                RBBBC                FAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                RBBBF                FAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                RBBBH                FAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                RBBDC                FAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                RBBDD                AAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                RBBDB                FAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                RBBSE                FAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                UBB                AAAAAAAAAA
F4 ACCESSORY DRIVE- RIGHT          RBBT                UCB                555555555
F4 ACCESSORY DRIVE- RIGHT          RBBT                RUFV                AAAAAAAAAA
F4 GEAR HORIZONTAL HEVEL            2311B LBBTAA          LBBT                A
F4 GEAR HORIZONTAL HEVEL            2311B RBBTAA          RBBT                A
F4 SHAFT SPLINE                    2311C LBBTAB          LBBT                A
F4 SHAFT SPLINE                    2311C RBBTAB          RBBT                A
F4 HOUSING INNER                   2311D LBBTAC          LBBT                A
F4 HOUSING INNER                   2311D RBBTAC          RBBT                A
F4 BEARING UPPER                   2311E LBBTAD          LBBT                A
F4 BEARING UPPER                   2311E RBBTAD          RBBT                A
F4 BEARING LOWER                   2311F LBBTAE          LBBT                A
F4 BEARING LOWER                   2311F RBBTAE          RBBT                A
F4 HOUSING BEARING VERTICAL        2311G LBBTAF          LBBT                A
F4 HOUSING BEARING VERTICAL        2311G RBBTAF          RBBT                A
F4 CAP BEARING VERTICAL            2311H LBBTAG          LBBT                1
F4 CAP BEARING VERTICAL            2311H RBBTAG          RBBT                1
F4 SUPPORT INNER BEARING           2311J LBBTAH          LBBT                1
F4 SUPPORT INNER BEARING           2311J RBBTAH          RBBT                1
F4 SHAFT RADIAL DRIVE              2311K LBBTAJ          LBBT                A

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F4 SHAFT RADIAL DRIVE	2311K	R8RTAJ	R8RT	A
F4 TUB WASHER	2311L	L8BTAK	L8BT	1
F4 TUB WASHER	2311L	R8BTAK	R8BT	1
F4 HOUSING OUTER	23111	L8BTAL	L8BT	A
F4 HOUSING OUTER	23111	R8BTAL	R8BT	A
F4 TUBE LUBE	23112	L8BTAM	L8BSA	7
F4 TUBE LUBE	23112	R8BTAM	R8BSA	7
F4 SEAL FRONT	23113	L8BTAN	L8BSA	2
F4 SEAL FRONT	23113	R8BTAN	R8BSA	2
F4 SEAL REAR	23114	L8BTAP	L8BSA	2
F4 SEAL REAR	23114	R8BTAP	R8BSA	2
F4 CAP BEARING	23115	L8BTAQ	L8BT	1
F4 CAP BEARING	23115	R8BTAQ	R8BT	1
F4 BEARING HORIZONTAL DRIVE	23116	L8BTAR	L8BT	A
F4 BEARING HORIZONTAL DRIVE	23116	R8BTAR	R8BT	A
F4 HOUSING HORIZ.DRIVE BEARING	23117	L8BTAS	L8BT	A
F4 HOUSING HORIZ.DRIVE BEARING	23117	R8BTAS	R8BT	A
F4 SHAFT GEAR HORIZONTAL	23118	L8BTAT	L8BT	A
F4 SHAFT GEAR HORIZONTAL	23118	R8BTAT	R8BT	A
F4 CASING REAR	2312G	L8BTBA	L8BT	A
F4 CASING REAR	2312G	R8BTBA	R8BT	A
F4 COVER GEARBOX TOP	2312H	L8BTBB	L8BT	A
F4 COVER GEARBOX TOP	2312H	R8BTBB	R8BT	A
F4 SUPPORT BEARING INNER	2312J	L8BTBC	L8BT	A
F4 SUPPORT BEARING INNER	2312J	R8BTBC	R8BT	A
F4 ADAPTER GEARBOX	2312Q	L8BTBD	L8BT	A
F4 ADAPTER GEARBOX	2312Q	R8BTBD	R8BT	A
F4 GEARSHAFT	2312R	L8BTBE	L8BT	A
F4 GEARSHAFT	2312R	R8BTBE	R8BT	A
F4 SHAFT GEAR BEVEL	2312S	L8BTBF	L8BT	A
F4 SHAFT GEAR BEVEL	2312S	R8BTBF	R8BT	A
F4 SHAFT	2312T	L8BTBG	L8BT	A
F4 SHAFT	2312T	R8BTBG	R8BT	A
F4 GEAR SPUR	2312W	L8BTBK	L8BT	A
F4 GEAR SPUR	2312W	R8BTBK	R8BT	A
F4 SHAFT HORIZ. DRIVE FRONT	2312X	L8BTBL	L8BT	A
F4 SHAFT HORIZ. DRIVE FRONT	2312X	R8BTBL	R8BT	A
F4 HOUSING HORIZ DRIVE SHAFT	2312Y	L8BTBM	L8BT	A
F4 HOUSING HORIZ DRIVE SHAFT	2312Y	R8BTBM	R8BT	A
F4 TUB WASHER	2312Z	L8BTBN	L8BT	1
F4 TUB WASHER	2312Z	R8BTBN	R8BT	1
F4 TUBE AND NOZZLE ASSY LUBE	23121	L8BTBP	L8BSA	7
F4 TUBE AND NOZZLE ASSY LUBE	23121	R8BTBP	R8BSA	7
F4 GEAR BEVEL	23123	L8BTBQ	L8BT	A
F4 GEAR BEVEL	23123	R8BTBQ	R8BT	A
F4 SHAFT SPLINE	23124	L8BTBR	L8BT	A
F4 SHAFT SPLINE	23124	R8BTBR	R8BT	A
F4 CASING FRONT	23125	L8BTBS	L8BT	A
F4 CASING FRONT	23125	R8BTBS	R8BT	A
F4 HOUSING SUPPORT	23131	R8BTC	R8BT	A

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F4 HOUSING SUPPORT	23131	LBBTCA	LBBT	A
F4 BEARING	23132	LBBTCB	LBBT	A
F4 BEARING	23132	RBBTCB	RBBT	A
F4 HOUSING BEARING	23133	LBBTCC	LBBT	A
F4 HOUSING BEARING	23133	RBBTCC	RBBT	A
F4 COUPLING	23134	LBBTCD	LBBT	A
F4 COUPLING	23134	RBBTCD	RBBT	A
F4 TUB WASHER	23136	LBBTCE	LBBT	0
F4 TUB WASHER	23136	RBBTCE	RBBT	0
F4 NOZZLE LUBE	23135	LBBTCF	LBBTSA	7
F4 NOZZLE LUBE	23135	RBBTCF	RBBTSA	7
F4 HOUSING BEARING	2314A	LBBTDA	LBBT	A
F4 HOUSING BEARING	2314A	RBBTDA	RBBT	A
F4 BEARING	2314B	LBBTDB	LBBT	A
F4 BEARING	2314B	RBBTDB	RBBT	A
F4 SHAFT GEAR	2314C	LBBTDC	LBBT	A
F4 SHAFT GEAR	2314C	RBBTDC	RBBT	A
F4 BRACKET HINGE	2314J	LBBTDD	LBBT	0
F4 BRACKET HINGE	2314J	RBBTDD	RBBT	0
F4 HINGE	2314K	LBBTDE	LBBT	0
F4 HINGE	2314K	RBBTDE	RBBT	0
F4 CASING FRONT	2314L	LBBTDF	LBBT	A
F4 CASING FRONT	2314L	RBBTDF	RBBT	A
F4 CASING REAR	2314M	LBBTDG	LBBT	A
F4 CASING REAR	2314M	RBBTDG	RBBT	A
F4 HOUSING	2314Q	LBBTDH	LBBT	A
F4 HOUSING	2314Q	RBBTDH	RBBT	A
F4 TUB WASHER	2314V	LBBTDHX	LBBT	1
F4 GEARSHAFT	2314K	LBBTDJ	LBBT	A
F4 GEARSHAFT	2314R	RBBTDJ	RBBT	A
F4 GEAR	2314S	LBBTDK	LBBT	A
F4 GEAR	2314S	RBBTDK	RBBT	A
F4 TUB WASHER	2314V	RBBTDN	RBBT	1
F4 SHAFT HORIZONTAL DRIVE REAR	23141	LBBTDQ	LBBT	A
F4 SHAFT HORIZONTAL DRIVE REAR	23141	RBBTDQ	RBBT	A
F4 HOUSING HORIZ DRIVE SHAFT	23142	LBBTDQ	LBBT	A
F4 HOUSING HORIZ DRIVE SHAFT	23142	RBBTDQ	RBBT	A
F4 SHAFT HORIZONTAL DRIVE#1PCE	23143	LBBTDR	LBBT	A
F4 SHAFT HORIZONTAL DRIVE#1PCE	23143	RBBTDR	RBBT	A
F4 HOUSING HORIZ DRIVE SHAFT	23144	LBBTDS	LBBT	A
F4 HOUSING HORIZ DRIVE SHAFT	23144	RBBTDS	RBBT	A
F4 TUBE AND NOZZLE LUBE	23147	LBBTDT	LBBTSA	7
F4 TUBE AND NOZZLE LUBE	23147	RBBTDT	RBBTSA	7
F4 BRACKET MNT	23148	RBBTDTX	RBBT	A
F4 BRACKET MOUNT	23148	LBBTDU	LBBT	A
F4 MAIN FUEL DELIVERY		BC	B	SAAAAAAAAA
F4 MAIN FUEL DELIVERY		BC	LBCA	FAAAAAAAAA
F4 MAIN FUEL DELIVERY		BC	LBCA	FAAAAAAAAA
F4 MAIN FUEL DELIVERY		PC	RBCA	FAAAAAAAAA
F4 MAIN FUEL DELIVERY		BC	RBCA	FAAAAAAAAA

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0000000001111111112222222222333333333344444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4MAIN FUEL DELIVERY BC LBCB FAAAAAAAAA
F4MAIN FUEL DELIVERY BC LBCB FAAAAAAAAA
F4MAIN FUEL DELIVERY BC RBCB FAAAAAAAAA
F4MAIN FUEL DELIVERY BC RBCB FAAAAAAAAA
F4MAIN FUEL DELIVERY BC LBCC FAAAAAAAAA
F4MAIN FUEL DELIVERY BC LBCC FAAAAAAAAA
F4MAIN FUEL DELIVERY BC RBCC FAAAAAAAAA
F4MAIN FUEL DELIVERY BC RBCC FAAAAAAAAA
F4 LBCA LBBA SAAAAAAAAA
F4 L ENGINE FUEL DELIVERY LBCA LBBD FAAAAAAAAA
F4 LBCA LBDE FAAAAAAAAA
F4 LBCA UAB FAAAAAAAAA
F4 RBCA RBA SAAAAAAAAA
F4 R ENGINE FUEL DELIVERY RBCA RBBD FAAAAAAAAA
F4 RBCA RBDE FAAAAAAAAA
F4 RBCA UBB FAAAAAAAAA
F4 VALVE SHUTOFF ENGINE FUEL 4613B LBCA LBCA 0
F4 VALVE SHUTOFF ENG FUEL 4613B RBCA RBCA 0
F4C VALVE DRAIN ENGINE MANIFOLD4613E LBCAB LBCA 1
F4R VALVE DRAIN ENGINE MANIFOLD4613E LBCAB LBCA 1
F4C VALVE DRAIN ENGINE MANIFOLD4613E RBCAB RBCA 1
F4R VALVE DRAIN ENGINE MANIFOLD4613E RBCAB RBCA 1
F4C VALVE DRAIN ENGINE MANIFOLD4613E LBCAC LBCA 1
F4R VALVE DRAIN ENGINE MANIFOLD4613E LBCAC LBCA 1
F4C VALVE DRAIN ENGINE MANIFOLD4613E RBCAC RBCA 1
F4R VALVE DRAIN ENGINE MANIFOLD4613E RBCAC RBCA 1
F4 ENGINE MASTER SWITCH 2396A LBCAD LBCA 2
F4 ENGINE MASTER SWITCH 2396A RBCAD RBCA 2
F4CMAIN FUEL PRESS GEN 3CB BC 010000000
F4DMAIN FUEL PRESS GEN 3CB BC 010000000
F4ENGINE PRESS GEN LBCB LBCA 010000000
F4ENGINE PRESS GEN LBCB LBCA 010000000
F4ENGINE PRESS GEN RBCB RBCA 010000000
F4ENGINE PRESS GEN RBCB RBCA 010000000
F4C PUMP FUEL BOOSTER 4613A LBCBA BCB 1
F4D PUMP FUEL BOOST 4613A LBCBA BCB 1
F4E PUMP FUEL BOOST 4613A LBCBA LBCB A
F4R PUMP FUEL BOOST 4613A LBCBA LBCB A
F4C PUMP FUEL BOOSTER 4613A RBCBA BCB 1
F4D PUMP FUEL BOOST 4613A RBCBA BCB 1
F4E PUMP FUEL BOOST 4613A RBCBA RBCB A
F4R PUMP FUEL BOOST 4613A RBCBA RBCB A
F4C CHECK VALVE BOOST PUMP 4613C LBCBB BCB 0
F4D CHECK VALVE BOOST PUMP 4613C LBCBB RCB 1
F4E CHECK VALVE 4613C LBCBB LBCB 0
F4R CHECK VALVE 4613C LBCBB LBCB 0
F4C CHECK VALVE BOOST PUMP 4613C RBCBB BCB 0
F4D CHECK VALVE BOOST PUMP 4613C RBCBB BCB 1
F4E CHECK VALVE 4613C RBCBB RBCB 0
F4R CHECK VALVE 4613C RBCBB RBCB 0

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000000001111111122222222333333333344444444555555556666666677777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4C DRAIN VALVE MANIFOLD 9946V BCBC BCB 0
F4D DRAIN VALVE MANIFOLD 9946V BCBC BCB 0
F4E DRAIN VALVE 9946V LBCBC LBCB 0
F4R DRAIN VALVE 9946V LBCBC LBCB 0
F4E DRAIN VALVE 9946V RBCBC RBCB 0
F4R DRAIN VALVE 9946V RBCBC RBCB 0
F4C VALVE SHUTOFF DEFUEL 4612B BCBD BCB 0
F4D VALVE SHUTOFF DEFUEL 4612B BCBD BCB 0
F4E VALVE SHUTOFF DEFUEL 4612B LBCBD LBCB 5
F4R VALVE SHUTOFF DEFUEL 4612B LBCBD LBCB 5
F4C CHECK SWITCH BOOST PUMP 9946U LBCBE BCB 0
F4D CHECK SWITCH BOOST PUMP 9946U LBCBE BCB 0
F4E CHECK SWITCH BOOST PUMP 9946U LBCBE LBCB 0
F4R CHECK SWITCH BOOST PUMP 9946U LBCBE LBCB 0
F4C CHECK SWITCH BOOST PUMP 9946U RBCBE BCB 0
F4D CHECK SWITCH BOOST PUMP 9946U RBCBE BCB 0
F4E CHECK SWITCH BOOST PUMP 9946U RBCBE RBCB 0
F4R CHECK SWITCH BOOST PUMP 9946U RBCBE RBCB 0
F4C MAIN FUEL GRAVITY FEED BCC KC BCB AAAAAAAAAA
F4D MAIN FUEL GRAVITY FEED BCC KC BCB AAAAAAAAAA
F4E ENGINE GRAVITY FEED LBCC LBCA KLBCB AAAAAAAAAA
F4R ENGINE GRAVITY FEED LBCC LBCA KLBCB AAAAAAAAAA
F4E ENGINE GRAVITY FEED RBCC RBCA KRBCB AAAAAAAAAA
F4R ENGINE GRAVITY FEED RBCC RBCA KRBCB AAAAAAAAAA
F4C BYPASS CHECK VALVE 4613C BCCA BCC 5
F4D BYPASS CHECK VALVE 4613C BCCA BCC 5
F4E BYPASS CHECK VALVE 4613C LBCCA LBCC 5
F4R BYPASS CHECK VALVE 4613C LBCCA LBCC 5
F4E BYPASS CHECK VALVE 4613C RBCCA LBCC 5
F4R BYPASS CHECK VALVE 4613C RBCCA RBCC 5
F4C MAIN FUEL SUPPLY CELL NO1 BCD BC SOAAAAA950
F4D MAIN FUEL SUPPLY CELL NO1 BCD BC SOAAAAA950
F4E MAIN FUEL SUPPLY CELL NO1 BCD BC OAAAAA950
F4R MAIN FUEL SUPPLY CELL NO1 BCD BC OAAAAA950
F4C MAIN FUEL SUPPLY CELL NO1 BCD BCB FAAAAA950
F4D MAIN FUEL SUPPLY CELL NO1 BCD BCB FAAAAA950
F4E MAIN FUEL SUPPLY CELL NO1 BCD BCC FAAAAA950
F4R MAIN FUEL SUPPLY CELL NO1 BCD BCC FAAAAA950
F4 BCD BCB FAAAAA950
F4 BCD BCB FAAAAA950
F4 BCD BCB FAAAAA950
F4 BCD BCB FAAAAA950
F4 FUEL CELL NO 1 4616A BCDA BCD 1
F4 DRAIN VALVE 9946W BCDB BCD 0
F4 CELL 2 FUEL AVAILABLE BCE BCD 000011000
F4 CELL 2 FUEL AVAILABLE BCE DDFD FAAAAA950
F4 CHECK VALVE INTERCONNECT 4614N BCEA BCE 1
F4 FUEL CELL NO 2 4616B BCEB BCE 1
F4 DRAIN VALVE 9946S BCEC BCE 0
F4 CELLS 3/4 PRESSURE TRANSFER BCH BHF 55555555

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 CELLS 3/4 PRESSURE TRANSFER BCH DEND F55555555
F4 CELLS 3/4 PRESSURE TRANSFER BCH DFNE FAAAAAAAAA
F4 CELLS 56UPPRESSURE TRANSFER BCJ DHB 55555555
F4 BCJ DEND FAAAAAAAAA
F4 BCJ DEND FAAAAAAAAA
F4 CELLS 3/4 FUEL SUPPLY BCK DHC FAAAAAAAAA
F4 BCK DDFD FAAAAAAAAA
F4 FUEL CELL NO 3 4616C BCKA BCK 1
F4 FUEL CELL NO 4 4616D BCKB BCK 1
F4 INTERCONNECT CELL NO 3 TO 4 9946P BCKC BCK 1
F4 INTERCONNECT CELL NO 3 TO 4 9946N BCKD BCK 1
F4 CELLS 3/4 GRAVITY TRANSFER BCL RHF K BCH AAAAAAAAAA
F4 CHECK VALVE INTERCONNECT 3-24614N BCLA BCL 1
F4 CELLS 567 FUEL SUPPLY BCM DHB AAAAAAAAAA
F4 BCM DDFD FAAAAAAAAA
F4 FUEL CELL NO 5 4616E BCMA BCM 1
F4 FUEL CELL NO 6 4616F BCMB BCM 1
F4 DRAIN VALVE CELL NO 6 4616G BCMC BCM 0
F4 INTERCONNECT CELL NO5 TO NO69946L BCMD BCM 1
F4 INTERCONNECT CELL NO5 TO NO69946K BCME BCM 1
F4E FUEL CELL NO 7 4616H BCME BCM 1
F4 CELLS 567 GRAVITY TRANSFER BCN PHB K BCJ AAAAAAAAAA
F4 CHECK VALVE INTERCONNECT 5-44614N BCNA BCN 1
F4E CHECK VALVE INTERCONNECT 4614P BCNB BCN 1
F4 NO 6 ELECT TRANSFER BCPA BCJ 222222222
F4 PUMP NO 6 ELECT XFER 4614E BCPAA BCPA A
F4 PUMP NO 6 CHECK SWITCH 4641C BCPAB BCPA 0
F4 NO 4 ELECT TRANSFER BCPB BCH 222222222
F4 PUMP NO4 ELECT XFER 4614D BCPBA BCPB A
F4 PUMP NO4 CHECK SWITCH 4641C BCPBB BCPB 0
F4 HYD TRANSFER CONTROL BCD BHD AAAAAAAAAA
F4 HYD TRANSFER CONTROL BCQ BHE AAAAAAAAAA
F4 VALVE CONTROL HYD PUMPS 4614C BCQA BCQ A
F4 CHECK SWITCH HYD PUMPS 4641C BCQB BCQ 0
F4 INT FUEL TRANS LEVEL CONT RCR BCD 022222210
F4 VALVE NO 1 4614H BCRA BCR 1
F4 VALVE NO 2 4614K BCRB BCR 1
F4E VALVE NO 7 TRANS CONTROL 4614Q BCRC BCR 1
F4 FUSELAGE CELLS PRESS CONT BCS BCD 000010000
F4 PRESSURE REG FUSELAGE CELLS 4611A BCSA BCS A
F4 VALVE PRESSURE/VACUUM RELIEF 4611C BCSE BCS A
F4 CHECK VALVE DIVE VENT CELL 24611E BCSD BCS 1
F4 CHECK VALVE DIVE VENT CELL 44611E BCSE BCS 1
F4 CHECK VALVE DIVE VENT CELL 64611E BCSE BCS 1
F4 CHECK VALVE HOT AIR 4611F BCSE BCS 1
F4 HOISING PRESSURE CHECK 4611G BCSE BCS 0
F4 AIRFLOW LIMITER 9946H BCSE BCS 1
F4 FILTER 9946G BCSE BCS 1
F4 PRESSURE RELIEF MUSCLE LINE 9946F BCSE BCS 2
F4 VENT MAST FUSELAGE 9946E BCSE BCS A

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00000000111111112222222233333333444444555555566666666677777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 FIRE SCREEN FUSE VENT MAST 9946D BCSM BCS 1
F4 FIRE SCREEN FUSE VENT MAST 9946C RCN RCN 1
F4L PRESS REG NO 7 4614R BCSP BCS 1
F4 INT /REFUEL/XFER LVL CONT BCT BCU AAAAAAAAAA
F4 VALVE NO 1 RFUL/XFER LVL CNT4614J HCTA BCT 3
F4 VALVE NO 3 XFER LEVEL CONT 4614L BCTB BCT 3
F4 VALVE NO 5 XFER LEVEL CONT. 4614M BCTC BCT 3
F4 INT WING : EXT DROP XFER HCU BCD 000122100
F4 INTERNAL WING SUPPLY XFER BCUA BCU 222222222
F4 VALVE SHUTOFF WING TANK XFER4615A LBCUAA BCUA 2
F4 VALVE SHUTOFF WING TANK XFER4615A RBCUAA BCUA 2
F4 VALVE SHUTOFF LOW LEVEL XFER4615D LBCUAB BCUA 2
F4 VALVE SHUTOFF LOW LEVEL XFER4615D RBCUAB BCUA 2
F4 VALVE SHUTOFF WING TANK DUMP4615H LBCUAC BCUA 0
F4 VALVE SHUTOFF WING TANK DUMP4615B RBCUAC BCUA 0
F4 INT WING TRANS SWITCH 9923G BCUD BCUA A
F4 INT WING DUMP SWITCH 9923F BCUE BCUA 0
F4 INTERNAL WING SUEL SUPPLY BCUB BCUA AAAAAAAAAA
F4 BCUB DDEF FAAAAAAAAA
F4 L INTERNAL WING FUEL CELL 9946A LBCUBA BCUB 5
F4 R INTERNAL WING FUEL CELL 9946B RBCUBA BCUB 5
F4 PRESSURIZE INT WING XFER BCU BCUB AAAAAAAAAA
F4 PRESSURE REGULATOR WING TANK4611B LBCUCA BCU BCU 5
F4 PRESSURE REGULATOR WING TANK4611B RBCUCA BCU BCU 5
F4 VALVE PRESS/VACUUM RELIEF 4611D LBCUCB BCU BCU 5
F4 VALVE PRESS/VACUUM RELIEF 4611D RBCUCB BCU BCU 5
F4 VALVE PRESS/VACUUM RELIEF 4611H LBCUCC BCU BCU 5
F4 VALVE PRESS/VACUUM RELIEF 4611H RBCUCC BCU BCU 5
F4 CHECK VALVE HOT AIR 4611F LBCUCD BCU BCU 5
F4 CHECK VALVE HOT AIR 4611F RBCUCD BCU BCU 5
F4 HOUSING PRESSURE CHECK 4611G LBCUCE BCU BCU 5
F4 HOUSING PRESSURE CHECK 4611G RBCUCE BCU BCU 5
F4 EXTERNAL WING DROP TANK XFER BCU BCU 003000000
F4 BCU LODGB FAAAAAAAAA
F4 BCU RDDGB FAAAAAAAAA
F4 VALVE SHUTOFF EXTERNAL TANK 4622H LBCUDA BCU 5
F4 VALVE SHUTOFF EXTERNAL TANK 4622H RBCUDA BCU 5
F4 FUEL DISCONNECT EXTERNAL WNG4621N LBCUDB BCU 5
F4 FUEL DISCONNECT EXTERNAL WNG4621N RBCUDB BCU 5
F4 FUEL SUPPLY EXT WING DROP BCU BCU AAAAAAAAAA
F4 BCU LODFY FAAAAAAAAA
F4 BCU RDDFY FAAAAAAAAA
F4 FUEL TANK EXT WING LH 4623B LBCUEA BCU 5
F4 FUEL TANK EXT WING RH 4623C RBCUEA BCU 5
F4 PYLON ASSEMBLY LH 4624A LBCUEB BCU 5
F4 PYLON ASSEMBLY RH 4624A RBCUEB BCU 5
F4 MECHANICAL ASSEMBLY 4624B LBCUEC BCU 5
F4 MECHANICAL ASSEMBLY 4624B RBCUEC BCU 5
F4 ELECTRICAL ASSEMBLY 4624C LBCUED BCU 5
F4 ELECTRICAL ASSEMBLY 4624C RBCUED BCU 5

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0000000001111111112222222223333333334444444445555555556666666667777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4R FUEL TANK AND PILOT 4623D LBCUEE BCUE 5
F4R FUEL TANK AND PILOT 4623D RBCUEF BCUE 5
F4 PRESSURIZE EXT WING XFER BCUF AAAAAAAAAA
F4 PRESSURE REGULATOR EXT WING 4621E LBCUFA BCUF 5
F4 PRESSURE REGULATOR EXT WING 4621E RBCUFA BCUF 5
F4 VALVE PRESSURE/VACUUM RELIEF 4621D LBCUFB BCUF 5
F4 VALVE PRESSURE/VACUUM RELIEF 4621D RBCUFB BCUF 5
F4 VALVE PRESSURE/VACUUM RELIEF 4621P LBCUFC BCUF 5
F4 VALVE PRESSURE/VACUUM RELIEF 4621P RBCUFC BCUF 5
F4 CHECK VALVE HOT AIR 4621F LBCUFD BCUF 5
F4 CHECK VALVE HOT AIR 4621F RBCUFD BCUF 5
F4 HOUSING PRESSURE CHECK 4621L LBCUFE BCUF 5
F4 HOUSING PRESSURE CHECK 4621L RBCUFE BCUF 5
F4 AIR DISCONNECT EXTERNAL WING 4621K LBCUFF BCUF 5
F4 AIR DISCONNECT EXTERNAL WING 4621K RBCUFF BCUF 5
F4 EXTERNAL CENTERLINE DROP XFR BCUG 002000000
F4 EXT C/L DROP XFR BCUG DDCG FAAAAAAAAA
F4 VALVE SUTOFF C/L TANK 4622E BCUGA BCUG A
F4 VALVE SHUTOFF REFUELING 4612A BCUGB BCUG A
F4 FUEL DISCONNECT EXTERNAL C/L 4621H BCUGC BCUG A
F4 COUPLING HALF 4621J BCUGD BCUG 1
F4 FUEL SUPPLY EXTERNAL C/L BCUH AAAAAAAAAA
F4 BCUH DDFZ FAAAAAAAAA
F4 FUEL TANK CENTER LINE 4623A BCUHA BCUH A
F4 PRESSURIZE EXT C/L XFER BCUB AAAAAAAAAA
F4 PRESSURE REGULATOR 4621A BCUJA BCUJ A
F4 VALVE PRESSURE/VACUUM RELIEF 4621B BCUJB BCUJ A
F4C CHECK VALVE HOT AIR 4621G BCUJC BCUJ A
F4E CHECK VALVE HOTAIR 4621G BCUJC BCUJ A
F4 HOUSING PRESSURE CHECK 4621L BCUJD BCUJ A
F4 AIR DISCONNECT EXT C/L 4621M BCUJE BCUJ A
F4 VALVE C/L RELIEF 4621C BCUJF BCUJ 1
F4 AIR REFUEL ACT CONT BCWA 000111000
F4 AIR REFUEL CONTROL/ACT BCWA DCF FAAAAAAAAA
F4 RECEPTICAL AIR REFUEL BOOM 4631A BCWAA BCWA A
F4 ACTUATOR NOZZLE LOCK 4631B BCWAB BCWA A
F4 VALVE RECEPTICAL SELECTOR 4631C BCWAC BCWA A
F4 ACTUATOR RECEPTICAL 4631D BCWAD BCWA A
F4 AMPLIFIER IFR 4631F BCWAF BCWA A
F4 AIR REFUEL SWITCH 9923E BCWAG BCWA A
F4 PANEL PILOTS CONTROL 4641A BCWAH BCWA 1
F4 VALVE CL FUEL CONT 4622C BCWAJ BCWA 1
F4 VALVE EXT TANK FUEL CONT 4622F BCWAK BCWA 1
F4 VALVE EXT TANK FUEL CONT 4622F BCWAL BCWA 1
F4 VALVE CONT REFUEL LEVEL 4612C BCWAM BCWA 2
F4 VALVE CONT REFUEL LEVEL 4612C BCWAN BCWA 2
F4 VALVE SHUTOFF REFUEL 4612A BCWAP BCWA A
F4C PANEL FUEL RELAY 4641F BCWAQ BCWA 1
F4R PANEL FUEL RELAY 4641F BCWAQ BCWA 1
F4 PILOT ACTION BCWX AAAAAAAAAA

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 GROUND REFUEL/DEFUEL          BCX          BCD          000000000
F4 GROUND REFUEL SWITCH          99230        BCXA         BCX          A
F4 ADAPTER FUEL/DEFUEL          4612E        BCXB         BCX          1
F4 PANEL FUEL LEVEL CONT        4641B        BCXC         BCX          1
F4 PANEL TRANS PUMP CHECK        4641C        BCXD         BCX          0
F4 AUX EQUIP COOL AIR DELIVERY  BCY          BCS          FAAAAAAAAA
F4 AUX EQUIP COOL AIR DLLIVERY  BCY          BCU          AAAAAAAAAA
F4                                BEA          LBBRC        FAAAAAAAAA
F4 L MAIN 115/200V AC BUS DIST  BEA          RBBRC        FAAAAAAAAA
F4LEFT MAIN 115V AC BUS DIST    BEA          BCB          555555555
F4LEFT MAIN 115V AC BUS DIST    BEA          BCB          555555555
F4LEFT MAIN 115V AC BUS DIST    BEA          LBCB         FAAAAAAAAA
F4 LEFT MAIN 115V AC BUS DIST    BEA          BCPB         FAAAAAAAAA
F4                                BEB          B          F          S000252000
F4                                BEB          LBBLC        FAAAAAAAAA
F4                                BEB          RBBLC        FAAAAAAAAA
F4ERIGHTMAIN 115V AC BUS DIST    BEB          RBCB         FAAAAAAAAA
F4 RIGHT MAIN 115V AC BUS DIST    BEB          BCPA         FAAAAAAAAA
F4CESSENTIAL 115V AC BUS DIST    BEC          BCB          F111111111
F4DESSENTIAL 115V AC BUS DIST    BEC          BCB          F111111111
F4RESSENTIAL 115V AC BUS DIST    BEC          LBCB         FAAAAAAAAA
F4RESSENTIAL 115V AC BUS DIST    BEC          RBCB         FAAAAAAAAA
F4C LMAIN 28V DC DIST           BFA          LBBMC        FAAAAAAAAA
F4D LMAIN 28V DC DIST           BFA          LBBMC        FAAAAAAAAA
F4R LMAIN 28V DC DIST           BFA          LBBMC        FAAAAAAAAA
F4C LMAIN 28V DC DIST           BFA          RBBMC        FAAAAAAAAA
F4D LMAIN 28V DC DIST           BFA          RBBMC        FAAAAAAAAA
F4R LMAIN 28V DC DIST           BFA          RBBMC        FAAAAAAAAA
F4RL MAIN 28VDC DIST           BFA          BCB          111111111
F4LEFT MAIN 28V DC BUS DIST      BFA          BCB          111111111
F4LEFT MAIN 28V DC BUS DIST      BFA          LBCB         AAAAAAAAAA
F4RL. MAIN 28V DC DIST           BFA          PCPB         F55555555
F4DL. MAIN 28V DC DIST           BFA          BCPB         F55555555
F4RL. MAIN 28V DC DIST           BFA          ECPB         F55555555
F4CRIGHT MAIN 28V DC BUS DIST    BFB          BCB          111111111
F4DRIGHT MAIN 28V DC BUS DIST    BFB          BCB          111111111
F4RRIGHT MAIN 28V DC BUS DIST    BFB          RBCB         AAAAAAAAAA
F4C RMAIN 28V DC DIST           BFB          BCPA         F55555555
F4D RMAIN 28V DC DIST           BFB          BCPA         F55555555
F4P RMAIN 28V DC DIST           BFB          BCPA         F55555555
F4C RMAIN 28V DC DIST           BFB          BCUA         FAAAAAAAAA
F4D RMAIN 28V DC DIST           BFB          BCUA         FAAAAAAAAA
F4R RMAIN 28V DC DIST           BFB          BCUA         FAAAAAAAAA
F4                                BFC          B          T          S00AAAAA00
F4 IGNITION 28V DC BUS DIST      BFC          LBBEB        FAAAAAAAAA
F4 IGNITION 28V DC BUS DIST      BFC          RBBEB        FAAAAAAAAA
F4 ESSENTIAL 28V DC BUS DIST      BFD          LBCA         AAAAAAAAAA
F4 ESSENTIAL 28V DC BUS DIST      BFD          RBCA         AAAAAAAAAA
F4CESSENTIAL 28V DC BUS DIST      BFD          BCB          F111111111
F4DESSENTIAL 28V DC BUS DIST      BFD          BCB          F111111111

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12345678901234567890123456789012345678901234567890123456789012345678901234567890			
F4 ESSENTIAL 28V DC BUS DIST	BFD	LBCB	F11111111
F4 ESSENTIAL 28V DC BUS DIST	BFD	LBCB	F11111111
F4E ESSENTIAL 28VDC	BFD	RBCB	F11111111
F4R ESSENTIAL 28VDC	BFD	RBCB	F11111111
F4	BFD	BCQ	F00000000
F4 ESSENTIAL 28V DC BUS DIST.	BFD	BCU	SAAAAAAAAA
F4	BFD	BCUA	FAAAAAAAAA
F4	BFD	BCUC	FAAAAAAAAA
F4	BFD	BCUD	FAAAAAAAAA
F4	BFD	BCUF	FAAAAAAAAA
F4	BFD	BCUG	FAAAAAAAAA
F4	BFD	BCUJ	FAAAAAAAAA
F4 ESSENTIAL 28V DC BUS DIST	BFD	BCWA	FAAAAAAAAA
F4E MAIN 28V DC	BFE	LBBMC	FAAAAAAAAA
F4E MAIN 28V DC	BFE	RBBMC	FAAAAAAAAA
F4E MAIN 28V DC	BFE	LBCB	AAAAAAAAAA
F4E MAIN 28V DC	BFE	RBCB	AAAAAAAAAA
F4E MAIN 28V DC	BFE	BCPA	F55555555
F4E MAIN 28V DC	BFE	BCPB	F55555555
F4 UTILITY HYDRAULIC PRESS DIST	BGA	LBBKC	FAAAAAAAAA
F4	BGA	RBBKC	FAAAAAAAAA
F4	BGA	LBBLC	FAAAAAAAAA
F4	BGA	RBBLC	FAAAAAAAAA
F4	BGA	LBBMC	FAAAAAAAAA
F4	BGA	RBBMC	FAAAAAAAAA
F4 UTILITY HYD PRESS DIST	BGA	BCQ	FAAAAAAAAA
F4	BGA	BCWA	FAAAAAAAAA
F4	BGA	BGB	S12111111
F4	BGA	BGB	S00025200
F4 HYD PRESS ATTENUATION FOR S	BGB	B	S01111111
F4 CELLS 3-7 FUEL AVAILABLE	BHA	BCD	012333300
F4 CELL 5 7 FUEL AVAILABLE	BHB	BHA	555555555
F4 CELLS 3/4 FUEL AVAILABLE	BHC	BHA	555555555
F4 HYDRAULIC TRANSFER	BHD	BCJ	010000000
F4 HYDRAULIC TRANSFER	BHD	BCJ	0A2222220
F4 PUMP NO 6 HYD XFER	BHDA	BHD	A
F4 HYDRAULIC TRANSFER	BHE	BCH	010000000
F4 HYDRAULIC TRANSFER	BHE	BCH	0A2222220
F4 PUMP NO4 HYD XFER	BHEA	BHE	A
F4 ELLS 3/4 TRANSFER	BHF	BCN	AAAAAAAAAA
F4 ELLS 3/4 TRANSFER	BHF	BHC	AAAAAAAAAA
F4 COM / NAV	C		AAAAAAAAAA
F4C FILTER MODULE A811	71A2D	CABAAD	A
F4C CIRCUIT CARD 1A4	71JAL	CATAAL	A
F4C DECODER, DISTANCE	71LDK	CRUBK	A
F4D DECODER, DISTANCE	71LDK	CRUBK	A
F4E DECODER, DISTANCE	71LDK	CRUBK	A
F4 INTERCOCKPIT COMM	CI	CTZ	000000000
F4 FWD ICS AND AUX AUDIO	CIA	CI	AAAAAAAAAA
F4 FWD ICS AND AUX AUDIO	CIA	CTB	AAAAAAAAAA

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0000000011111111222222222233333333334444444455555555666666667777777778
123456789012345678901234567890123456789012345678901234567890123456789
F4C ICS FRONT CIA MDCU 22222222
F4DC ICS FRONT CIA MDCU 22222222
F4EC ICS FRONT CIA MDCU 22222222
F4CINTERCOMM STATION LS-467 71LPO CIAA CIA A
F4DINTERCOMM STATION LS-460 71LPO CIAA CIA A
F4EINTERCOMM STATION 2S-460 71PWO CIAA CIA A
F4CAMPLIFIER ASSEMBLY 71LPA CIAAA CIA A
F4DAMPLIFIER ASSEMBLY 71LPA CIAAA CIA A
F4CINTERCOMM STATION LS-460A 71LNC CIAB CIA A
F4DINTERCOMM STATION LS-460A 71LNC CIAB CIA A
F4EINTERCOMM STATION SL-460A 71LNO CIAB CIA A
F4FINTERCOMM STATION LS-460A 71PXU CIAB CIA A
F4CAMPLIFIER ASSEMBLY 71LNA CIABA CIA A
F4DAMPLIFIER ASSEMBLY 71LNA CIABA CIA A
F4EAMPLIFIER ASSEMBLY 71LNA CIABA CIA A
F4FINTERCOMM STATION LS-460B 71MHO CIAC CIA A
F4EAMPLIFIER ASSEMBLY 71MHA CIACA CIA A
F4EPROCESSOR ASSEMBLY 71MHB CIACH CIA A
F4RAFT ICS AND AUX AUDIO CIB CI AAAAAA
F4RAFT ICS AND AUX AUDIO CIB CTB 00000000
F4C ICS APT CIB MDCU 00000000
F4D ICS APT CIB MDCU 00000000
F4E ICS APT CIB MDCU 00000000
F4CINTERCOMM STATION SL-460 71LPO CIBA CIB A
F4DINTERCOMM STATION LS-467 71LPC CIBA CIB A
F4CAMPLIFIER ASSEMBLY 71LPA CIBAA CIB A
F4DAMPLIFIER ASSEMBLY 71LPA CIBAA CIB A
F4CINTERCOMM STATION LS-460A 71LNO CIBB CIB A
F4DINTERCOMM STATION LS-467A 71LNO CIBB CIB A
F4EINTERCOMM STATION LS-460A 71LNO CIBB CIB A
F4CAMPLIFIER ASSEMBLY 71LNA CIBBA CIB A
F4DAMPLIFIER ASSEMBLY 71LNA CIBBA CIB A
F4EAMPLIFIER ASSEMBLY 71LNA CIBBA CIB A
F4FINTERCOMM STATION LS-460B 71MHO CIBC CIB A
F4EAMPLIFIER ASSEMBLY 71MHA CIBCA CIB A
F4EPROCESSOR ASSEMBLY 71MHB CIBCB CIB A
F4 EXTERNAL ICS CIC CIA 00000000
F4 EXTERNAL ICS CIC CIB 00000000
F4CEXTERNAL ICS STATION 71LQO CICA CIC 0
F4DEXTERNAL ICS STATION 71LQO CICA CIC 0
F4EEXTERNAL ICS STATION 71LQO CICA CIC 0
F4REXTERNAL ICS STATION 71PYO CICA CIC 0
F4HEADSET/MIKE ADPTR MX-1646 71LQA CICB CIC 0
F4HEADSET/MIKE ADPTR MX-1646 71LQA CICB CIC 0
F4HEADSET/MIKE ADPTR MX-1646 71LQA CICH CIC 0
F4HEADSET/MIKE ADPTR MX-1646 71PYA CICB CIC 0
F4 RADIO SECURE VOICE CS CTZ 00000000
F4 UHF REMOTE SECURITY UNIT 71RAO CSA CS A
F4 C-8057/ARC UHF SECURITY CNT 71PBO CSB CS A
F4CODER BRD NO 2 71L9F CSBF CS A

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00000000011111111222222222333333333344444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4DCODER BRD NO 2          71L9F  CSBF      CX      A
F4RCODER BRD NO 2          71PJF  CSBF      CX      A
F4 UHF RADIO                CT      CTZ      011111120
F4 UHF TX COMMUNICATION    CTA      CT      000000000
F4CASQ-19 UHF TX           CTAA     CTA      AAAAAAAAAA
F4DASQ-19 UHF TX           CTAA     CTA      AAAAAAAAAA
F4RASQ-88 UHF TX GRP I     CTAA     CTA      AAAAAAAAAA
F4CMODULATOR,RADIO TRANSMITTER 71LAJ CTAAA  CTAA     A
F4DMODULATOR,RADIO TRANSMITTER 71LAJ CTAAA  CTAA     A
F4RMODULATOR,RADIO TRANSMITTER 71PAJ CTAAA  CTAA     A
F4CASQ-107 UHF TX          CTAB     CTA      AAAAAAAAAA
F4DASQ-107 UHF TX          CTAB     CTA      AAAAAAAAAA
F4RASQ-88 UHF TX GRP II    CTAB     CTA      AAAAAAAAAA
F4CMODULATOR              71NBH  CTABA  CTAB     A
F4DMODULATOR              71NBH  CTABA  CTAB     A
F4RMODULATOR              71QTH  CTABA  CTAB     A
F4DASQ-19A UHF TX          CTAC     CTA      AAAAAAAAAA
F4EASQ-19A UHF TX          CTAC     CTA      AAAAAAAAAA
F4RASQ-88A UHF TX GRP I    CTAC     CTA      AAAAAA.AAAA
F4CMODULATOR 528-0621-001 71MAQ  CTACA  CTAC     A
F4EMODULATOR 528-0621-001 71MAQ  CTACA  CTAC     A
F4RMODULATOR 528-0621-001 71PMQ  CTACA  CTAC     A
F4MOD SUBASMBLY 761-6093-001 71MAR  CTACH  CTAC     A
F4EMOD SUBASMBLY 761-6093-001 71MAR  CTACH  CTAC     A
F4RMOD SUBASMBLY 761-6093-001 71PMR  CTACH  CTAC     A
F4MOD SUBASMBLY 761-6092-001 71MAS  CTACC  CTAC     A
F4EMOD SUBASMBLY 761-6092-001 71MAS  CTACC  CTAC     A
F4RMOD SUBASMBLY 761-6092-001 71PMS  CTACC  CTAC     A
F4DTRANSMITTER SUBASSEMBLY 71MAX  CTACD  CTAC     A
F4ETRANSMITTER SUBASSEMBLY 71MAX  CTACD  CTAC     A
F4RTRANSMITTER SUBASSEMBLY 71PMX  CTACD  CTAC     A
F4DASQ-19B UHF TX          CTAD     CTA      AAAAAAAAAA
F4EASQ-19B UHF TX          CTAD     CTA      AAAAAAAAAA
F4RASQ-88A UHF TX GRP II   CTAD     CTA      AAAAAAAAAA
F4CMODULATOR,RADIO TRANSMITTER 71NAG CTADA  CTAD     A
F4EMODULATOR,RADIO TRANSMITTER 71NAG CTADA  CTAD     A
F4RMODULATOR,RADIO TRANSMITTER 71QUG CTADA  CTAD     A
F4ETRANSMITTER SUBASSEMBLY 71MAL  CTADB  CTAD     A
F4DTRANSMITTER SUBASSEMBLY 71NAL  CTADB  CTAD     A
F4RTRANSMITTER SUBASSEMBLY 71QUL  CTADB  CTAD     A
F4 UHF RX COMM             CTB      CT      011111A00
F4 UHF RX COMM             CTB      CZF      111111111
F4 MAIN GUARD RX           CTBA     CTBF     111111111
F4CASQ-19 GUARD RX         CTBAA   CTBA     AAAAAAAAAA
F4DASQ-19 GUARD RX         CTBAA   CTBA     AAAAAAAAAA
F4RASQ-88 GUARD RX GRP I   CTBAA   CTBA     AAAAAAAAAA
F4CRECEIVER,GUARD          71LAY  CTBAAA  CTBAA     A
F4DRECEIVER,GUARD          71LAY  CTBAAA  CTBAA     A
F4RRECEIVER,GUARD          71PAY  CTBAAA  CTBAA     A
F4CASQ-107 GUARD RX        CTBAR   CTBA     AAAAAAAAAA

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1234567890123456789012345678901234567890123456789012345678901234567890
F4DASQ-107 GUARD RX CTBAA CTBA AAAAAAAAAA
F4RASQ-88 GUARD RX GRP II CTBAA CTBA AAAAAAAAAA
F4CRECEIVER, GUARD CH 71NRD CTHABA CTBAB A
F4ORECEIVER, GUARD 71NRD CTRABA CTBAB A
F4RRECEIVER, GUARD 71QTD CTHABA CTRAH A
F4DASQ-19A GUARD RX CTBAC CTBA AAAAAAAAAA
F4EASQ-19A GUARD RX CTBAC CTBA AAAAAAAAAA
F4RASQ-88A GUARD RX GRP I CTRAC CTHA AAAAAAAAAA
F4D GUARD RECEIVER 71MAP CTHACA CTBAC A
F4E GUARD RECEIVER 71MAP CTHACA CTBAC A
F4R GUARD RECEIVER 71PMP CTHACA CTBAC A
F4DASQ-19B GRARD RX CTHAD CTHA AAAAAAAAAA
F4EASQ-19B GUARD RX CTHAD CTHA AAAAAAAAAA
F4RASQ-88A GUARD RX GRP II CTBAD CTHA AAAAAAAAAA
F4ORECEIVER, GUARD 71NAF CTBADA CTBAD A
F4RECEIVER, GUARD 71NAF CTBADA CTBAD A
F4RRECEIVER, GUARD 71QUF CTBADA CTBAD A
F4 MAIN RX CTBB CTBE CTBC 111111111
F4 AUXILIARY RECEIVER CTBC K CTBB AAAAAAAAAA
F4C POSITIONING UNIT 71LFB CTBCA CTBC A
F4D POSITIONING UNIT 71LEB CTBCA CTBC A
F4E POSITIONING UNIT 71LEB CTBCA CTBC A
F4R POSITIONING UNIT 71PBB CTBCA CTBC A
F4C HEAD AUTO POSITION 71LEC CTBCB CTBC A
F4D HEAD AUTO POSITION 71LEC CTBCB CTBC A
F4E HEAD AUTO POSITION 71LEC CTBCB CTBC A
F4R HEAD AUTO POSITION 71PRC CTBCB CTBC A
F4C AMPLIFIER, IF 1.85MC 71LEE CTBCC CTBC A
F4D AMPLIFIER, IF 1.85MC 71LEE CTBCC CTBC A
F4E AMPLIFIER, IF 1.85MC 71LEE CTBCC CTBC A
F4R AMPLIFIER, IF 1.85MC 71PBE CTBCC CTBC A
F4C RECTIFIER MODULE ASSEMBLY 71LFJ CTBCD CTBC A
F4D RECTIFIER MODULE ASSEMBLY 71LEJ CTBCD CTBC A
F4E RECTIFIER MODULE ASSEMBLY 71LEJ CTBCD CTBC A
F4R RECTIFIER MODULE ASSEMBLY 71PRJ CTBCD CTBC A
F4C AMPLIFIER, IF AND GUARD 71LFL CTBCE CTBC A
F4D AMPLIFIER, IF AND GUARD 71LEL CTBCE CTBC A
F4E AMPLIFIER, IF AND GUARD 71LEL CTBCE CTBC A
F4R AMPLIFIER, IF AND GUARD 71PBL CTBCE CTBC A
F4C AMPLIFIER, IF AND GUARD 71LEL CTBCE CTBD A
F4D AMPLIFIER, IF AND GUARD 71LEL CTBCE CTBD A
F4E AMPLIFIER, IF AND GUARD 71LEL CTBCE CTBD A
F4R AMPLIFIER, IF AND GUARD 71PBL CTBCE CTBD A
F4C AMPLIFIER AF 71LEM CTBCF CTBC A
F4D AMPLIFIER AF 71LEM CTBCF CTBC A
F4E AMPLIFIER AF 71LEM CTBCF CTBC A
F4R AMPLIFIER, AF 71PBM CTBCF CTBC A
F4C RF AND INJECTION UNIT 71LEN CTBCG CTBC A
F4D RF AND INJECTION UNIT 71LEN CTBCG CTBC A
F4E RF AND INJECTION UNIT 71LEN CTBCG CTBC A

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0000000001111111112222222223333333333344444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4RRF AND INJECTIO UNIT      71PBN      CTRCG      CTBC      A
F4 AUXILIARY GUARD RECEIVER      CTBD      CTBF      111111111
F4 PRIMARY REC      CTBE      CTB      CTBF      111111111
F4 GUARD REC      CTBF      CTB      K CTBF      AAAAAAAAAA
F4 SENS ATTEN      CTBG      CT      SC11111AAJ
F4 UHF COMM ANTENNAS X2 EACH <      CTC      CTA      FAAAAAAAAA
F4 UHF COMM ANTENNAS X2 EACH <      CTC      CTB      111111111
F4CANTENNA UHF BLADE UPPER ASQ 71LR0      CTCA      CTC      A
F4DANTENNA UHF BLADE UPPER ASQ 71LR0      CTCA      CTC      A
F4EANTENNA UHF BLADE UPPER ASQ 71LR0      CTCA      CTC      A
F4RANTENNA UHF BLADE UPPER ASQ 71P20      CTCA      CTC      A
F4CANTENNA,UHF BLADE LOWER ASQ 71LS0      CTCB      CTC      A
F4DANTENNA,UHF BLADE LOWER ASQ 71LS0      CTCB      CTC      A
F4EANTENNA,UHF BLADE LOWER ASQ 71LS0      CTCB      CTC      A
F4RANTENNA,UHF BLADE LOWER ASQ 71P30      CTCB      CTC      A
F4CSWITCH,ANTENNA SELECTOR ASQ 71LZ0      CTCC      CTC      A
F4DSWITCH,ANTENNA SELECTOR ASQ 71LZ0      CTCC      CTC      A
F4ESWITCH,ANTENNA SELECTOR ASQ 71LZ0      CTCC      CTC      A
F4RSWITCH,ANTENNA SELECTOR ASQ 71Q00      CTCC      CTC      A
F4 UHF/ICS KEYING FORWARD      CTD      CIA      K CTB      111111111
F4 UHF/ICS KEYING FORWARD      CTD      CTA      CTF      111111111
F4CSWITCH,UHF/ICS MICROPHONE 71L20      CTDA      CTD      1
F4DSWITCH,UHF/ICS MICROPHONE 71L20      CTDA      CTD      1
F4ESWITCH,UHF/ICS MICROPHONE 71L20      CTDA      CTD      1
F4RSWITCH,UHF/ICS MICROPHONE 71Q00      CTDA      CTD      1
F4CMIKE ADAPTOR ASSEMBLY      71LW0      CTDB      CTD      1
F4DMIKE ADAPTOR ASSEMBLY      71LW0      CTDB      CTD      1
F4EMIKE ADAPTOR ASSEMBLY      71LW0      CTDB      CTD      1
F4RMIKE ADAPTOR ASSEMBLY      71Q00      CTDB      CTD      1
F4CHEADSET/MIKE CORD,COCKPIT 71LX0      CTDC      CTD      A
F4DHEADSET/MIKE CORD,COCKPIT 71LX0      CTDC      CTD      A
F4EHEADSET/MIKE CORD,COCKPIT 71LX0      CTDC      CTD      A
F4RHEADSET/MIKE CORD,COCKPIT 71Q00      CTDC      CTD      A
F4 UHF/ICS KEYING AFT      CTE      CTB      AAAAAAAAAA
F4 UHF/ICS KEYING AFT      CTE      CTA      K CTD      AAAAAAAAAA
F4CSWITCH,UHF/ICS MICROPHONE 71L20      CTEA      CTE      1
F4DSWITCH,UHF/ICS MICROPHONE 71L20      CTEA      CTE      1
F4ESWITCH,UHF/ICS MICROPHONE 71L20      CTEA      CTE      1
F4RSWITCH,UHF/ICS MICROPHONE 71Q00      CTEA      CTE      1
F4CMIKE ADAPTOR ASSEMBLY      71LW0      CTED      CTE      1
F4DMIKE ADAPTOR ASSEMBLY      71LW0      CTED      CTE      1
F4EMIKE ADAPTOR ASSEMBLY      71LW0      CTED      CTE      1
F4RMIKE ADAPTOR ASSEMBLY      71Q00      CTED      CTE      1
F4CHEADSET/MIKE CORD,COCKPIT 71LX0      CTEC      CTE      1
F4DHEADSET/MIKE CORD,COCKPIT 71LX0      CTEC      CTE      1
F4EHEADSET/MIKE CORD,COCKPIT 71LX0      CTEC      CTE      1
F4RHEADSET/MIKE CORD,COCKPIT 71Q00      CTEC      CTE      1
F4 COMM CONTROL FORWARD      CTF      CTG      111111111
F4CC-3076/ASQ      71LF0      CTF      8
F4DC-3076/ASQ      71LF0      CTF      8

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F4CGEAR CONTROL	71LFA	CTFAA	CTF	A
F4DGEAR CONTROL	71LFA	CTFAA	CTF	A
F4CCOUNTER,ROT FIX 543-2690-00271LFB		CTFAB	CTF	A
F4DCOUNTER,ROT FIX 543-2690-00271LFB		CTFAB	CTF	A
F4CCOUNTER,AUXILIARY CHANNEL	71LFC	CTFAC	CTF	A
F4DCOUNTER,AUX CHAN	71LFC	CTFAC	CTF	A
F4CCOUNTER,ROT FIX 543-2693-00271LFD		CTFAD	CTF	A
F4DCOUNTER,ROT FIX 543-2693-00271LFD		CTFAD	CTF	A
F4CCONTROL MEMORY	71LFE	CTFAE	CTF	A
F4DCONTROL MEMORY	71LFE	CTFAE	CTF	A
F4CMEMORY DRUM	71LFF	CTFAF	CTF	A
F4DINTGRID CENTRAL CNTRL C-624871MCO		CTFB	CTF	B
F4RINTGRID CENTRAL CNTRL C-624871PPQ		CTFB	CTF	B
F4DCONTROL GEAR	71MCA	CTFBA	CTF	A
F4RGEAR ASSEMBLY,CONTROL	71PPA	CTFBA	CTF	A
F4DROT COUNTER FIX 543-2693-00271MCB		CTFBB	CTF	A
F4RCOUNTER,ROT, FIX 543-2693-00371PPB		CTFBB	CTF	A
F4DCOUNTER AUXILIARY CHANNEL	71MCC	CTFBC	CTF	A
F4RCOUNTER,AUXILIARY CHANNEL	71PPC	CTFBC	CTF	A
F4DROT COUNTER FIX 543-2693-00271MCD		CTFBD	CTF	A
F4RCOUNTER,ROT, FIX 543-2693-00271PPD		CTFBD	CTF	A
F4DCOUNTER ASSEMBLY	71MCE	CTFBE	CTF	A
F4RCOUNTER ASSEMBLY	71PPE	CTFBE	CTF	A
F4DMEMORY DRUM	71MCF	CTFBF	CTF	A
F4RMEMORY DRUM	71PPE	CTFBF	CTF	A
F4DC-6684/ASQ CONTROL	71MEQ	CTFC	CTF	B
F4EC-6684/ASQ CONTROL	71MEQ	CTFC	CTF	B
F4RC-6684/ASQ CONTROL	71PUQ	CTFC	CTF	B
F4DCONTROL SUB 767-8112-001	71MEA	CTFCA	CTF	A
F4ECONTROL SUB 767-8112-001	71MEA	CTFCA	CTF	A
F4RCONTROL SUB 767-8112-001	71PUA	CTFCA	CTF	B
F4DCONTROL SUB 767-8113-001	71MER	CTFCB	CTF	A
F4ECONTROL SUB 767-8113-001	71MER	CTFCB	CTF	A
F4RCONTROL SUB 767-8113-001	71PUB	CTFCB	CTF	B
F4DCONTROL SUB 767-8111-001	71MEC	CTFCC	CTF	A
F4ECONTROL SUB 767-8111-001	71MEC	CTFCC	CTF	A
F4RCONTROL SUB 767-8111-001	71PUC	CTFCC	CTF	B
F4DCONTROL SUB 767-6366-001	71MED	CTFCD	CTF	A
F4ECONTROL SUB 767-6366-001	71MED	CTFCD	CTF	A
F4RCONTROL SUB 767-6366-001	71PUD	CTFCD	CTF	B
F4 COMM CONTROL AFT		CTG	CT	K CTF AAAAAAAAAA
F4CC-3076/ASQ	71LFO	CTGA	CTG	B
F4DC-3076/ASQ	71LFO	CTGA	CTG	B
F4CGEAR,CONTROL	71LFA	CTGAA	CTG	A
F4DGEAR CONTROL	71LFA	CTGAA	CTG	A
F4DCOUNTER,ROT FIX 543-2690-00271LFB		CTGAB	CTG	A
F4CCOUNTER,AUXILIARY CHANNEL	71LFC	CTGAC	CTG	A
F4DCOUNTER,AUX CHAN	71LFC	CTGAC	CTG	A
F4CCOUNTER ROT FIX 543-2693-00271LFD		CTGAD	CTG	A
F4DCOUNTER,ROT FIX 543-2693-00271LFD		CTGAD	CTG	A

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F4CCONTROL MEMORY	71LFE	CTGAE	CTG	A
F4DCONTROL, MEMORY	71LFE	CTGAE	CTG	A
F4CMEMORY DRUM	71LFF	CTGAF	CTG	A
F4DINTGRID CENTRAL CNTRL C-624871MCO		CTGB	CTG	8
F4RINTGRD CENTRAL CNTRL C-624871PPO		CTGB	CTG	8
F4DCONTROL GEAR	71MCA	CTGBA	CTG	A
F4RGear ASSEMBLY, CONTROL	71PPA	CTGBA	CTG	A
F4CCOUNTER, ROT FIX 543-2690-002711FB		CTGBB	CTG	A
F4DROT COUNTER FIX	71MCB	CTGBB	CTG	A
F4RCOUNTER, ROT, FIX 543-2690-00371PPB		CTGBB	CTG	A
F4DCOUNTER AUXILIARY CHANNEL	71MCC	CTGRC	CTG	A
F4RCOUNTER, AUXILIARY CHANNEL	71PPC	CTGBC	CTG	A
F4DROT COUNTER FIX 543-2693-00271MCO		CTGBD	CTG	A
F4RCOUNTER, ROT, FIX 543-2693-00271PPD		CTGBD	CTG	A
F4DCOUNTER ASSEMBLY	71MCE	CTGBE	CTG	A
F4RCOUNTER ASSEMBLY	71PPE	CTGBE	CTG	A
F4DMEMORY DRUM	71MCF	CTGBF	CTG	A
F4RMEMORY DRUM	71PPF	CTGBF	CTG	A
F4DC-6684/ASQ CONTROL	71MEO	CTGC	CTG	8
F4EC-6684/ASQ CONTROL	71MEO	CTGC	CTG	8
F4RC-6684/ASQ CONTROL	71PUO	CTGC	CTG	8
F4DCONTROL SUB 767-8112-001	71MEA	CTGCA	CTG	A
F4ECONTROL SUB 767-8112-001	71MEA	CTGCA	CTG	A
F4RCONTROL SUB 767-8112-001	71PUA	CTGCA	CTG	A
F4DCONTROL SUB 767-8113-001	71MEB	CTGCB	CTG	A
F4ECONTROL SUB 767-8113-001	71MEB	CTGCB	CTG	A
F4RCONTROL SUB 767-8113-001	71PUB	CTGCB	CTG	A
F4DCONTROL SUB 767-8111-001	71MEC	CTGCC	CTG	A
F4ECONTROL SUB 767-8111-001	71MEC	CTGCC	CTG	A
F4RCONTROL SUB 767-8111-001	71PUC	CTGCC	CTG	A
F4ECONTROL SUB 767-6366-001	71MED	CTGCD	CTG	A
F4RCONTROL SUB 767-6366-001	71PUD	CTGCD	CTG	A
F4DCONTROL SUB 767-6366-001	71MED	CTGD	CTG	A
F4 MISC RELAY PANEL 1 2	42120	CTHA	CTD	A
F4 MISC RELAY PANEL 1 2	42120	CTHB	CTE	A
F4 MISC RELAY PANEL 1 2	42120	CTHC	CTF	A
F4 MISC RELAY PANEL 1 2	42120	CTHD	CTG	A
F4 MISC RELAY PANEL 1 2	42120	CTHE	CIA	A
F4 MISC RELAY PANEL 1 2	42120	CTHF	CIB	A
F4RDATA TRANSMISSION		CTJ	CTZ	000000000
F4RAN/ASQ-131	71WOO	CTJA	CTJ	0
F4RCONTROL C-8217	71WAO	CTJAA	CTJ	8
F4RROTARY SWITCH	71WAA	CTJAAA	CTJ	A
F4RPUSH SWITCH	71WAB	CTJAAB	CTJ	A
F4RANTENNA AS-2403	71WBO	CTJAB	CTJ	8
F4RTRANSMITTER 7-1127	71WCO	CTJAC	CTJ	8
F4RMULTIPLEXER	71WCA	CTJACA	CTJ	A
F4RBIT TRANSMITTER	71WCB	CTJACB	CTJ	A
F4RLOW VOLTAGE POWER SUPPLY	71WCD	CTJACD	CTJ	8
F4RMODULATOR OSCILLATOR	71WCE	CTJACE	CTJ	A

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F4RFREQUENCY TRANSLATOR	71WCF	CTJACF	CTJ	A
F4RTWT AMPLIFIER	71WCG	CTJACG	CTJ	A
F4RFILTER,BANDPASS,F-1274	71WDO	CTJAD	CTJ	1
F4RAN/ASQ-137	71XCO	CTJB	CTJ	0
F4RCONTROL ASSEMBLY,C-8531	71XAO	CTJBA	CTJ	3
F4RANTENNA AS-2403	71XBO	CTJBB	CTJ	8
F4RFILTER,BANDPASS F-1274	71XCO	CTJBC	CTJ	1
F4RTRANSMITTER,RADIO,T-1168	71XDO	CTJBD	CTJ	8
F4RTWT AMPLIFIER	71XDA	CTJBDA	CTJ	A
F4RPOWER SUPPLY	71XDB	CTJBDB	CTJ	8
F4RFREQUENCY TRANSLATOR	71XDC	CTJBDC	CTJ	A
F4RMODULATOR OSCILLATOR	71XDD	CTJBDD	CTJ	A
F4RMULTIPLEXER	71XDE	CTJBDE	CTJ	A
F4RBITE TRANSMITTER	71XDF	CTJBDF	CTJ	A
F4 MAIN R/T COMMON WUC@S		CTX	CTA	FAAAAAAAAA
F4 MAIN R/T COMMON WUC@S		CTX	CTHB	AAAAAAAAA
F4CASQ-19 UHF COMM		CTXA	CTX	AAAAAAAAA
F4DASQ-19 UHF COMM		CTXA	CTX	AAAAAAAAA
F4RASQ-88 UHF COMM GRP I		CTXA	CTX	AAAAAAAAA
F4CRT-546A	71LAG	CTXAA	CTXA	5
F4DPT-546A	71LAG	CTXAA	CTXA	5
F4RRT-546A	71PAO	CTXAA	CTXA	5
F4CCHASSIS ASSEMBLY	71LAA	CTXAB	CTXA	A
F4CCHASSIS ASSEMBLY	71LAA	CTXAB	CTXA	A
F4RCHASSIS ASSEMBLY	71PAA	CTXAB	CTXA	A
F4CCHASSIS GEAR MOUNT	71LAH	CTXABC	CTXA	A
F4CPLATE ASSEMBLY	71LAC	CTXABD	CTXA	A
F4CCHASSIS GEAR MOUNT	71LAH	CTXAC	CTXA	A
F4RCHASSIS GEAR MOUNT	71PAB	CTXAC	CTXA	A
F4CPLATE ASSEMBLY	71LAC	CTXAD	CTXA	A
F4RPLATE ASSEMBLY	71PAC	CTXAD	CTXA	A
F4CCABLE CHASSIS	71LAD	CTXAE	CTXA	A
F4CCABLE CHASSIS	71LAD	CTXAE	CTXA	A
F4RCABLE CHASSIS	71PAD	CTXAE	CTXA	A
F4CCASTING REAR	71LAE	CTXAF	CTXA	A
F4BCASTING REAR	71LAE	CTXAF	CTXA	1
F4RCASTING REAR	71PAE	CTXAF	CTXA	A
F4CBLOWER EXTERNAL	71LAF	CTXAG	CTXA	A
F4DBLOWER EXTERNAL	71LAF	CTXAG	CTXA	A
F4RBLLOWER EXTERNAL	71PAF	CTXAG	CTXA	A
F4CCABLE FILTER ASSEMBLY	71LAG	CTXAH	CTXA	A
F4CCABLE FLITER ASSEMBLY	71LAG	CTXAH	CTXA	A
F4RCABLE FILTER ASSEMBLY	71PAG	CTXAH	CTXA	A
F4CINTERNAL BLOWER ASSEMBLY	71LAH	CTXAJ	CTXA	A
F4DINTERNAL BLOWER ASSEMBLY	71LAH	CTXAJ	CTXA	A
F4RINTERNAL BLOWER ASSEMBLY	71PAH	CTXAJ	CTXA	A
F4COSCILLATOR RF	71LAK	CTXAK	CTXA	A
F4DOSCILLATOR RF	71LAK	CTXAK	CTXA	A
F4ROSCILLATOR RF	71PAK	CTXAK	CTXA	A
F4CAMPLIFIER-PREAMP MODULE	71LAL	CTXAL	CTXA	A

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F4DAMPLIFIER-PREAMP MODULE	71LAL	CTXAL	CTXA	A
F4RAMPLIFIER-PREAMP MODULE	71PAL	CTXAL	CTXA	A
F4CRELAY UNIT	71LAM	CTXAM	CTXA	A
F4DRELAY UNIT	71LAM	CTXAM	CTXA	A
F4RRELAY UNIT	71PAM	CTXAM	CTXA	A
F4CAMPLIFIER IF,1.85MC	71LAN	CTXAN	CTXA	A
F4DAMPLIFIER IF,1.85MC	71LAN	CTXAN	CTXA	A
F4RAMPLIFIER IF,1.85MC	71PAN	CTXAN	CTXA	A
F4CAMPLIFIER,RF	71LAP	CTXAP	CTXA	A
F4DAMPLIFIER,RF	71LAP	CTXAP	CTXA	A
F4RAMPLIFIER,RF	71PAP	CTXAP	CTXA	A
F4CDRIVE TUNING	71LAQ	CTXAQ	CTXA	A
F4DDRIVE,TUNING	71LAQ	CTXAQ	CTXA	A
F4RDRIVE TUNING	71PAQ	CTXAQ	CTXA	A
F4CPLATE ASSEMBLY	71LAR	CTXAR	CTXA	A
F4DPLATE ASSEMBLY	71LAR	CTXAR	CTXA	A
F4RPLATE ASSEMBLY	71PAR	CTXAR	CTXA	A
F4CAMPLIFIER IF,20-30MC	71LAS	CTXAS	CTXA	A
F4DAMPLIFIER IF,20-30MC	71LAS	CTXAS	CTXA	A
F4RAMPLIFIER IF,20-30MC	71PAS	CTXAS	CTXA	A
F4CTRANSFORMER,IF	71LAT	CTXAT	CTXA	A
F4DTRANSFORMER,IF	71LAT	CTXAT	CTXA	A
F4RTRANSFORMER,IF	71PAT	CTXAT	CTXA	A
F4CAMPLIFIER,SPECTRUM GEM	71LAU	CTXAU	CTXA	A
F4DAMPLIFIER,SPECTRUM GEM	71LAU	CTXAU	CTXA	A
F4RAMPLIFIER,SPECTRUM GEM	71PAU	CTXAU	CTXA	A
F4COVEN,CRYSTAL	71LAV	CTXAV	CTXA	A
F4DOVEN,CRYSTAL	71LAV	CTXAV	CTXA	A
F4ROVEN,CRYSTAL	71PAV	CTXAV	CTXA	A
F4CAMPLIFIER	71LAW	CTXAW	CTXA	A
F4DAMPLIFIER	71LAW	CTXAW	CTXA	A
F4RAMPLIFIER	71PAW	CTXAW	CTXA	A
F4CAMPLIFIER,AF	71LAX	CTXAX	CTXA	A
F4DAMPLIFIER,AF	71LAX	CTXAX	CTXA	A
F4RAMPLIFIER AF	71PAX	CTXAX	CTXA	A
F4CRELAY TAKE COMMAND PANEL	71LUO	CTXAY	CTX	A
F4DRELAY TAKE COMMAND PANEL	71LUO	CTXAY	CTX	A
F4ERELAY TAKE COMMAND PANEL	71LUO	CTXAY	CTX	A
F4RRELAY TAKE COMMAND PANEL	71P70	CTXAY	CTX	A
F4CASQ-107 UHF COMM		CTXB	CTX	AAAAA
F4DASQ-107 UHF COMM		CTXB	CTX	AAAAA
F4RASQ-88 UHF COMM GRP II		CTXB	CTX	AAAAA
F4CRT-546B	71N80	CTXBA	CTXB	5
F4DRT-546B	71N80	CTXBA	CTXB	5
F4RRT-546B	71QTO	CTXBA	CTXB	5
F4CRECEIVER AND PRE AMP MAIN	71N8A	CTXBB	CTXB	A
F4DRECEIVER AND PRE AMP MAIN	71N8A	CTXBB	CTXB	A
F4RRECEIVER AND RE AMP MAIN	71QTA	CTXBB	CTXB	A
F4CIF AMP,20-30MC	71N8B	CTXBC	CTXB	A
F4DIF AMP 20-30MC	71N8B	CTXBC	CTXB	A

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F4RIF AMP,20-30MC      71QTF CTXBC CTXB A
F4CIF AMP 1.85MC       71NBO CTXBO CTXB A
F4DIF AMP 1.85MC       71NBO CTXBO CTXB A
F4RIF AMP 1.85MC       71QTC CTXBO CTXB A
F4CGENERATOR AND AMP,SPECTRUM 71NBE CTXBE CTXB A
F4DGENERATOR AND AMP,SPECTRUM 71NPF CTXBE CTXB A
F4CGENERATOR AND AMP,SPECTRUM 71QTE CTXBE CTXB A
F4COSCILLATOR UNIT,RF   71NBF CTXBF CTXB A
F4DOSCILLATOR UNIT,RF   71NBF CTXBF CTXB A
F4COSCILLATOR UNIT,RF   71QTF CTXBF CTXB A
F4CAMPLIFIER,AF         71NBO CTXBG CTXB A
F4DAMPLIFIER,AF         71NBO CTXBG CTXB A
F4CAMPLIFIER,AF         71QTC CTXBG CTXB A
F4CAMPLIFIER,POWER      71NBJ CTXBH CTXB A
F4DAMPLIFIER,POWER      71NBJ CTXBH CTXB A
F4CAMPLIFIER,POWER      71QTC CTXBH CTXB A
F4CDELAY MODULE         71NBJ CTXBJ CTXB A
F4DDELAY MODULE         71NBJ CTXBJ CTXB A
F4CDELAY MODULE         71QTK CTXBJ CTXB A
F4CTUNING UNIT,MECHANICAL 71NBL CTXBK CTXB A
F4DTUNING UNIT,MECHANICAL 71NBL CTXBK CTXB A
F4CTUNING UNIT,MECHANICAL 71QTL CTXBK CTXB A
F4CCMAIN CHASSIS,R/T    71NBM CTXBL CTXB A
F4DMAIN CHASSIS,R/T    71NBM CTXBL CTXB A
F4RMAIN CHASSIS,R/T    71QTM CTXBL CTXB A
F4DCHASSIS,GEAR MOUNT   71MBN CTXBM CTXB A
F4CCHASSIS,GEAR MOUNT   71NBN CTXBM CTXB A
F4RCHASSIS,GEAR MOUNT   71QTN CTXBM CTXB A
F4CCASTING ASSEMBLY,REAR 71NBP CTXBN CTXB A
F4DCASTING ASSEMBLY,REAR 71NBP CTXBN CTXB A
F4RCASTING ASSEMBLY,REAR 71QTP CTXBN CTXB A
F4DASQ-19A UHF COMM     CTXC CTX A
F4EASQ-19A UHF COMM     CTXC CTX A
F4RASW-88A UHF COMM GRP I CTXC CTX A
F4CINDICATOR,FREQ CH 10-808 71LKG CTXC CTX 2
F4CMOTOR OC            71LKA CTXCA CTX 2
F4DRT-793              71MAO CTXCA CTXC 5
F4ERT-793              71MAO CTXCA CTXC 5
F4RRT-793              71PMO CTXCA CTXC 5
F4CSWITCH ASSEMBLY     71LKB CTXCB CTX 2
F4DFREQUENCY STATIC CONVERTER 71MAA CTXCB CTXC A
F4EFREQUENCY STATIC CONVERTER 71MAA CTXCB CTXC A
F4RFREQUENCY STATIC CONVERTER 71PMA CTXCB CTXC A
F4DIF AMPLIFIER 528-0501-017 71MAB CTXCC CTXC A
F4EIF AMPLIFIER 528-0501-017 71MAB CTXCC CTXC A
F4RIF AMPLIFIER 528-0501-017 71PMB CTXCC CTXC A
F4DIF AMP SUBASMBY 757-0913-00271MAC 71MAC CTXCD CTXC A
F4EIF AMP SUBASMBY 757-0913-00271MAC 71MAC CTXCD CTXC A
F4RIF AMP SUBASMBY 757-0913-00271PMC 71PMC CTXCD CTXC A
F4DIF AMP SUBASMBY 757-0913-00371MAU 71MAU CTXCE CTXC A

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F4EIF AMP SUBASMBY 757-0913-00371MAD	CTXCE	CTXC	A
F4RIF AMP SUBASMBY 757-0913-00371PMD	CTXCE	CTXC	A
F4DIF AMPLIFIER 528-0393-005 71MAE	CTXCF	CTXC	A
F4EIF AMPLIFIER 528-0393-005 71MAE	CTXCF	CTXC	A
F4RIF AMPLIFIER 528-0393-005 71PME	CTXCP	CTXC	A
F4DIF AMP SUBASMBY 554-6950-01371MAF	CTXCG	CTXC	A
F4E 554-6950-01371MAF	CTXCG	CTXC	A
F4RIF AMP SUBASMBY 554-6950-01371PMF	CTXCG	CTXC	A
F4DIF AMP SUBASMBY 548-7732-01571MAG	CTXCH	CTXC	A
F4E 548-7732-01571MAG	CTXCH	CTXC	A
F4RIF AMP SUBASMBY 548-7732-01571PMG	CTXCH	CTXC	A
F4DIF AMP SUBASMBY 756-4190-01471MAH	CTXCJ	CTXC	A
F4E 756-4190-01471MAH	CTXCJ	CTXC	A
F4RIF AMP SUBASMBY 756-4190-01471PMH	CTXCJ	CTXC	A
F4DIF AMP SUBASMBY 548-7731-01571MAJ	CTXCK	CTXC	A
F4EIF AMP SUBASMBY 548-7731-01571MAJ	CTXCK	CTXC	A
F4RIF AMP SUBASMBY 548-7731-01571PMJ	CTXCK	CTXC	A
F4DIF AMP SUBASMBY 544-8720-00471MAK	CTXCL	CTXC	A
F4EIF AMP SUBASMBY 544-8720-00471MAK	CTXCL	CTXC	A
F4RIF AMP SUBASMBY 544-8720-00471PMK	CTXCL	CTXC	A
F4DCOIL SWITCH ASSEMBLY 71MAL	CTXCM	CTXC	A
F4ECOIL SWITCH ASSY 71MAL	CTXCM	CTXC	A
F4RCOIL SWITCH ASSEMBLY 71PML	CTXCM	CTXC	A
F4DRF AMPLIFIER 71MAM	CTXCN	CTXC	A
F4ERF AMPLIFIER 71MAM	CTXCN	CTXC	A
F4PRF AMPLIFIER 71PMM	CTXCN	CTXC	A
F4DPOWER AMPLIFIER 71MAN	CTXCP	CTXC	A
F4EPOWER AMPLIFIER 71MAN	CTXCP	CTXC	A
F4RPOWER AMPLIFIER 71PMN	CTXCP	CTXC	A
F4DSPECTRUM GENERATOR 71MAT	CTXCQ	CTXC	A
F4ESPECTRUM GENERATOR 71MAT	CTXCQ	CTXC	A
F4RSPECTRUM GENERATOR 71PMT	CTXCQ	CTXC	A
F4DGENERATOR SUBASSEMBLY 71MAU	CTXCR	CTXC	A
F4EEGENERATOR SUBASSEMBLY 71MAU	CTXCR	CTXC	A
F4RGENERATOR SUBASSEMBLY 71PMU	CTXCR	CTXC	A
F4DMECHANICAL TUNER 71MAV	CTXCS	CTXC	A
F4E MECHANICAL TUNER 71MAV	CTXCS	CTXC	A
F4RMECHANICAL TUNER 71PMV	CTXCS	CTXC	A
F4DPOWER SUPPLY 71MAW	CTXCT	CTXC	A
F4EPOWER SUPPLY 71MAW	CTXCT	CTXC	A
F4RPOWER SUPPLY 71PMW	CTXCT	CTXC	A
F4DFUSE BOX 71MAY	CTXCU	CTXC	A
F4EFUSE BOX 71MAY	CTXCU	CTXC	A
F4RFUSE BOX 71PMY	CTXCU	CTXC	A
F4DASW-19B UHF COMM	CTXD	CTX	AAAAAAAAAA
F4EASQ-19B UHF COMM	CTXD	CTX	AAAAAAAAAA
F4RASQ-88A UHF COMM GRP II	CTXD	CTX	AAAAAAAAAA
F4CFILTER RF,UHF,ASQ 71L60	CTXD	CTX	3
F4DRT-793A 71NA0	CTXDA	CTXD	5
F4ERT-793A 71NA0	CTXDA	CTXD	5

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1234567890123456789012345678901234567890123456789012345678901234567890
F4RRT-793A 71QUC CTXDA CTXD 5
F4CONVERTER FREQUENCY STATIC 71NAA CTXDB CTXD A
F4CONVERTER FREQUENCY STATIC 71NAA CTXDB CTXD A
F4CONVERTER FREQUENCY STATIC 71QUA CTXDB CTXD A
F4AMPLIFIER, IF, 528-0501-018 71NAB CTXDC CTXD A
F4AMPLIFIER, IF, 528-0501-018 71NAB CTXDC CTXD A
F4AMPLIFIER, IF, 528-0501-018 71QUB CTXDC CTXD A
F4AMPLIFIER IF 528-0393-025 71NAC CTXDD CTXD A
F4AMPLIFIER IF 528-0393-025 71NAC CTXDD CTXD A
F4AMPLIFIER IF 528-0393-025 71QUD CTXDD CTXD A
F4AMPLIFIER, RF 71NAD CTXDE CTXD A
F4AMPLIFIER, RF 71NAD CTXDE CTXD A
F4AMPLIFIER, RF 71QUC CTXDE CTXD A
F4AMPLIFIER, POWER 71NAE CTXDF CTXD A
F4AMPLIFIER, POWER 71NAE CTXDF CTXD A
F4AMPLIFIER, POWER 71QUE CTXDF CTXD A
F4GENERATOR, SPECTRUM 71NAH CTXDG CTXD A
F4GENERATOR, SPECTRUM 71NAH CTXDG CTXD A
F4GENERATOR, SPECTRUM 71QUH CTXDG CTXD A
F4TUNER, MECHANICAL 71NAJ CTXDH CTXD A
F4TUNER, MECHANICAL 71NAJ CTXDH CTXD A
F4TUNER, MECHANICAL 71QUJ CTXDH CTXD A
F4POWER SUPPLY 71NAK CTXDJ CTXD A
F4POWER SUPPLY 71NAK CTXDJ CTXD A
F4POWER SUPPLY 71QUK CTXDJ CTXD A
F4INDICATOR, FREQ CH 20-808 71LKC CTXE CTX 2
F4CRACK, CNI AWQ 71LBO CTXE CTX 1
F4ID-1311/ASQ INDICATOR 71MLC CTXE CTX 2
F4INDICATOR FREQ CH 10-808 71PFC CTXE CTX 2
F4MOTOR DC 71LKA CTXEA CTX 2
F4MOTOR 230-0329-000 71MDA CTXEA CTX 2
F4MOTOR DC 71PFA CTXEA CTX 2
F4SWITCH ASSEMBLY 71LKB CTXFB CTX 2
F4SWITCH ASSY 71PFB CTXFB CTX 2
F4FILTER, RF UHF, ASQ 71LBO CTXF CTX 3
F4ID-1311/ASQ INDICATOR 71MDJ CTXF CTX 2
F4ID-1311/ASQ INDICATOR 71PTD CTXF CTX 2
F4MOTOR 230-0329-000 71MDA CTXFA CTX 2
F4MOTOR 230-0329-000 71PTA CTXFA CTX 2
F4CHOPPER, ELECTRONIC 71PTB CTXFB CTX 2
F4FILTER, RF UHF ASQ 71LBO CTXG CTX 3
F4CRACK, CNI, ASQ 71LBO CTXG CTX 1
F4FILTER RF/UHF 71QHO CTXG CTX 1
F4CRACK, CNI ASQ 71LBO CTXH CTX 1
F4CRACK, CNI ASQ 71QLO CTXH CTX 1
F4SWITCH EXTERNAL POWER 71QBO CTXJ CTX 0
F4 AMP-PS-RX COMMON WUCAS CTY CTBC FAAAAAAAAA
F4 AMP-PS-RX COMMON WUCAS CTY CTBD FAAAAAAAAA
F4 MP-PS-RX COMMON WUCS CTY CTBG K CTBB S111111111
F4CAMP-PS-RX COMM WUC CTY CZBB S44444444

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4DAMP-PS-RX COMM WUC CTY CZBB SAAAAAAAAA
F4EAMP-PS-RX COMM WUC CTY CZBB SAAAAAAAAA
F4RAMP-PS-RX COMMON SUCS CTY CZBB S888888888
F4 AMP-PS-RX COMMON SUCS CTY CZF FAAAAAAAAA
F4 AMP-PS-RX COMMON SUCS CTY CZU FAAAAAAAAA
F4CAMP-PS-RX AM-2349 71LEO CTYA CTY A
F4DAMP-PS-RX AM-2349 71LEO CTYA CTY A
F4EAMP-PS-RX AM-2349 71LEO CTYA CTY A
F4RAMP-PS-RX AM-2349 71PBO CTYA CTY A
F4CSWITCH,COAXIAL 71LEA CTYB CTY A
F4DSWITCH,COAXIAL 71LEA CTYB CTY A
F4ESWITCH,COAXIAL 71LEA CTYB CTY A
F4RSWITCH,COAXIAL 71PBA CTYB CTY A
F4CAMPLIFIER,CONTROL 198C-1 71LED CTYC CTY A
F4DAMPLIFIER,CONTROL 198C-1 71LED CTYC CTY A
F4EAMPLIFIER,CONTROL 198C-1 71LED CTYC CTY A
F4RAMPLIFIER,CONTROL 198C-1 71PBD CTYC CTY A
F4CREGULATOR UNIT 71LEF CTYD CTY A
F4DREGULATOR UNIT 71LEF CTYD CTY A
F4EREGULATOR UNIT 71LEF CTYD CTY A
F4RREGULATOR UNIT 71PRF CTYD CTY A
F4CPower SUPPLY SUB-ASSEMBLY 71LEG CTYE CTY A
F4DPOWER SUPPLY SUB-ASSEMBLY 71LEG CTYE CTY A
F4EPOWER SUPPLY SUB-ASSEMBLY 71LEG CTYE CTY A
F4CINDUCTOR ASSEMBLY 71LEH CTYF CTY A
F4DINDUCTOR ASSEMBLY 71LEH CTYF CTY A
F4EINDUCTOR ASSEMBLY 71LEH CTYF CTY A
F4RINDUCTOR ASSEMBLY 71PBG CTYF CTY A
F4CFUSE MODULE ASSEMBLY 71LEK CTYG CTY A
F4DFUSE MODULE ASSEMBLY 71LEK CTYG CTY A
F4FFUSE MODULE ASSEMBLY 71LEK CTYG CTY A
F4RFUSE MODULE ASSEMBLY 71PBK CTYG CTY A
F4CAMPLIFIER ASSEMBLY 71LEP CTYH CTY A
F4DAMPLIFIER ASSEMBLY 71LEP CTYH CTY A
F4EAMPLIFIER ASSEMBLY 71LEP CTYH CTY A
F4RAMPLIFIER ASSEMBLY 71PBP CTYH CTY A
F4CCHASSIS ASSEMBLY INNER 71LEQ CTYJ CTY A
F4DCHASSIS ASSEMBLY INNER 71LEQ CTYJ CTY A
F4ECHASSIS ASSEMBLY INNER 71LEQ CTYJ CTY A
F4RCHASSIS ASSEMBLY INNER 71PBQ CTYJ CTY A
F4CRELAY UNIT 71LER CTYK CTY A
F4DRELAY UNIT 71LER CTYK CTY A
F4ERELAY UNIT 71LER CTYK CTY A
F4RRELAY UNIT 71PBR CTYK CTY A
F4CPower SUPPLY 71LES CTYL CTY A
F4DPOWER SUPPLY 71LES CTYL CTY A
F4EPOWER SUPPLY 71LES CTYL CTY A
F4RPOWER SUPPLY 71PBS CTYL CTY A
F4CFILTER ASSEMBLY 71LET CTYM CTY A
F4DFILTER ASSEMBLY 71LET CTYM CTY A

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F4EFILTER ASSEMBLY	71LET	CTYM	CTY	A
F4RFILTER ASSEMBLY	71PBT	CTYM	CTY	A
F4CFILTER SUB-ASSEMBLY	71LEU	CTYN	CTY	A
F4DFILTER SUB-ASSEMBLY	71LEU	CTYN	CTY	A
F4EFILTER SUB-ASSEMBLY	71LEU	CTYN	CTY	A
F4RFILTER SUB-ASSEMBLY	71PBU	CTYN	CTY	A
F4 COMMUNICATIONS		CTZ	C	F
F4 IFF PASSIVE		CX	CZ	111111111
F4CKY-532A/ASQ	71LCO	CXA	CX	000000000
F4LKY-532A/ASQ	71LCO	CXA	CX	8
F4EKY-532A/ASQ	71LCO	CXA	CX	8
F4RKY-532A/ASQ	71PNO	CXA	CX	8
F4CPOWER SUPPLY	71LCA	CXAA	CX	A
F4DPOWER SUPPLY 756-7190-005	71LCA	CXAA	CX	A
F4EPOWER SUPPLY 756-7190-005	71LCA	CXAA	CX	A
F4RPOWER SUPPLY 756-7190-005	71PNA	CXAA	CX	A
F4CFILTER,LOW PASS	71LCB	CXAB	CX	2
F4DFILTER,LOW PASS 756-7212-00471LCB	71LCB	CXAB	CX	2
F4EFILTER,LOW PASS 756-7212-00471LCB	71LCB	CXAB	CX	2
F4RFILTER,LOW PASS 756-7212-00471PNE	71PNE	CXAB	CX	2
F4CIF AMPLIFIER	71LCC	CXAC	CX	A
F4DIF AMPLIFIER 763-5965-001	71LCC	CXAC	CX	A
F4EIF AMPLIFIER 763-5965-001	71LCC	CXAC	CX	A
F4RIF AMPLIFIER 763-5965-001	71PNC	CXAC	CX	A
F4CDECODER BRD NO 1	71LCD	CXAD	CX	A
F4DDECODER BRD NO1 763-5959-00171LCD	71LCD	CXAD	CX	A
F4EDECODER BRD NO1 763-5959-00171LCD	71LCD	CXAD	CX	A
F4RDECODER BRD NO1 763-5959-00171PND	71PND	CXAD	CX	A
F4CCODER BOARD NO 2	71LCE	CXAE	CX	A
F4DCODER BOARD NO2 763-5953-00171LCE	71LCE	CXAE	CX	A
F4ECODER BOARD NO2 763-5953-00171LCE	71LCE	CXAE	CX	A
F4RCODER BOARD NO2 763-5953-00171PNE	71PNE	CXAE	CX	A
F4CSELF TEST UNIT	71LCF	CXAF	CX	1
F4DSELF TEST UNIT 756-7276-005	71LCF	CXAF	CX	1
F4ESELF TEST UNIT 756-7276-005	71LCF	CXAF	CX	1
F4RSELF TEST UNIT 756-7276-005	71PNF	CXAF	CX	1
F4CTRANSMITTER GRP	71LCG	CXAG	CX	A
F4DTRANSMITTER GRP 765-7300-00571LCG	71LCG	CXAG	CX	A
F4ETRANSMITTER GRP 765-7300-00571LCG	71LCG	CXAG	CX	A
F4RTRANSMITTER GRP 765-7300-00571PNJ	71PNJ	CXAG	CX	A
F4CONVERTER FREQ	71LCH	CXAH	CX	A
F4DCONVERTER FREQ 765-7298-008	71LCH	CXAH	CX	A
F4ECONVERTER FREQ 765-7298-008	71LCH	CXAH	CX	A
F4RCONVERTER FREQ 765-7298-008	71PNH	CXAH	CX	A
F4CMONITOR BOARD	71LCJ	CXAJ	CX	A
F4DMONITOR BOARD 756-7255-001	71LCJ	CXAJ	CX	A
F4EMONITOR BOARD 756-7255-001	71LCJ	CXAJ	CX	A
F4RMONITOR BOARD 756-7255-001	71PNK	CXAJ	CX	A
F4CDECODER BRD T81	71LCK	CXAK	CX	A
F4DDECODER BRD T81 763-5960-00171LCK	71LCK	CXAK	CX	A

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F4DECODER BRD TB1 763-5960-00171LCK CXAK CX A
F4RDECODER BRD TB1 763-5960-00171PNL CXAK CX A
F4CDECODER BRD TB2 71LCL CXAL CX A
F4DDECODER BRD TB2 756-7251-00171LCL CXAL CX A
F4FDECODER BRD TB2 756-7251-00171LCL CXAL CX A
F4RDECODER BRD TB2 756-7251-00171PNM CXAL CX A
F4CCODER BRD NO 1 71LCM CXAM CX A
F4DCODER BRD NO 1 763-5961-001 71LCM CXAM CX A
F4ECODER BRD NO 1 763-5961-001 71LCM CXAM CX A
F4RCODER BRD NO 1 763-5961-001 71PNM CXAM CX A
F4CCODER BRD NO 3 71LCN CXAN CX A
F4DCODER BRD NO 3 763-5962-001 71LCN CXAN CX A
F4ECODER BRD NO 3 763-5962-001 71LCN CXAN CX A
F4RCODER BRD NO 3 763-5962-001 71PNP CXAN CX A
F4CKY-532/ASQ 71L90 CXB CX A
F4DKY-532/ASQ 71L90 CXB CX A
F4RKY-532/ASQ 71PJO CXB CX A
F4CPOWER SUPPLY 71L9A CXBA CX A
F4DPOWER SUPPLY 71L9A CXBA CX A
F4RPOWER SUPPLY 71PJA CXBA CX A
F4CDECODER BRD 756-7250-005 71L9B CXBB CX A
F4DDECODER BRD 756-7250-005 71L9B CXBB CX A
F4RDECODER BRD 756-7250-005 71PJB CXBB CX A
F4CAMPLIFIER IF 71L9C CXBC CX A
F4DAMPLIFIER IF 71L9C CXBC CX A
F4RAMPLIFIER IF 71PJC CXBC CX A
F4CDECODER BRD 756-7249-005 71L9D CXBD CX A
F4DDECODER BRD 756-7249-005 71L9D CXBD CX A
F4RDECODER BRD 756-7249-005 71PJD CXBD CX A
F4CCODER BRD NO 1 71L9E CXBE CX A
F4DCODER BRD NO 1 71L9E CXBE CX A
F4RCODER BRD NO 1 71PJE CXBE CX A
F4CCODER BRD NO 3 71L9G CXBG CX A
F4DCODER BRD NO 3 71L9G CXBG CX A
F4RCODER BRD NO 3 71PJG CXBG CX A
F4CONVERTER FREQUENCY 71L9H CXBH CX A
F4DCONVERTER FREQUENCY 71L9H CXBH CX A
F4RCONVERTER FREQUENCY 71PJH CXBH CX A
F4CTRANSMITTER GROUP 71L9J CXBJ CX A
F4DTRANSMITTER GROUP 71L9J CXBJ CX A
F4RTRANSMITTER GROUP 71PJJ CXBJ CX A
F4CTRANSMITTER,RADIO 71L9K CXBK CX A
F4DTRANSMITTER,RADIO 71L9K CXBK CX A
F4RTRANSMITTER,RADIO 71PJK CXBK CX A
F4CHIGH VOLTAGE POWER SUPPLY 71L9L CXBL CX A
F4DHIGH VOLTAGE POWER SUPPLY 71L9L CXBL CX A
F4RHIGH VOLTAGE POWER SUPPLY 71PJL CXBL CX A
F4CSELF TEST UNIT 71L9M CXBM CX 1
F4DSELF TEST UNIT 71L9M CXBM CX 1
F4RSELF TEST UNIT 71PJM CXBM CX 1

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 CONTROL CXC CX CXD 111111111
F4CC-1159/APX-6B 71LGO CXCA CXCA A
F4DC-1159/APX-6B 71LGO CXCA CXCA A
F4RC-1159/APX-6B 71PCO CXCA CXCA A
F4CC-1272A/APA-89 SIF 71LHO CXCAA CXCA A
F4DC-1272A/APA-89 SIF 71LHO CXCAA CXCA A
F4RC-1272A/APA-89 SIF 71PDO CXCAA CXCA A
F4CC-6280-P-/APX 71MGO CXCB CXCB A
F4DC-6280-P-/APX 71MGO CXCB CXCB A
F4EC-6280-P-/APX 71MGO CXCB CXCB A
F4RC-6280-P-/APX 71QRO CXCB CXCB A
F4 EMERGENCY ACTIVATION CXD K CXK AAAAAAAAAA
F4CEMERGENCY RELAYS,IFF 71LTO CXDA CXD A
F4DEMERGENCY RELAYS,IFF 71LTO CXDA CXD A
F4EEMERGENCY RELAYS,IFF 71LTO CXDA CXD A
F4REMERGENCY RELAYS,IFF 71P6G CXDA CXD A
F4REMERGENCY SWITCH,PILOTS SEAT 71QNO CXDB CXD 1
F4PEMERGENCY SWITCH,RADAR SEAT 71QPO CXDC CXD 1
F4CANTENNA,IFF 71L40 CXE CX A
F4DANTENNA,IFF 71L40 CXE CX A
F4EANTENNA,IFF 71L40 CXE CX A
F4RANTENNA,IFF 71QMO CXE CX A
F4CSWITCH,IFF LIMIT,ASQ 71L30 CXF CX 1
F4DSWITCH,IFF LIMIT,ASQ 71L30 CXF CX 1
F4RSWITCH,IFF LIMIT,ASQ 71QGO CXF CX 1
F4RSWITCH,IFF LORING 71QFO CXG CX 1
F4RFILTER,IFF/TACAN 71QJG CXH CX 1
F4 IFF ACTIVE CY CZ 000000000
F4 MARK XII IFF CYA CY AAAAAAAAAA
F4 INTERGATOR COMPUTER 71TAO CYAA CYA A
F4 TRANSPONDER COMPUTER 71TBO CYAB CYA A
F4CINTERGATOR CYB CY AAAAAAAAAA
F4DINTERGATOR CYB CY AAAAAAAAAA
F4EINTERGATOR CYB CY AAAAAAAAAA
F4R INTERGATOR NOT ON R CYB CY CCCCCCCCCC
F4CCONTROL,C-7383 71SAC CYBA CYB 8
F4DCONTROL,C-7383 71SAO CYBA CYB 8
F4ECONTROL,C-7383 71SAO CYBA CYB 8
F4 R/T 868A 71SBO CYBB CYB 8
F4 RCVV ASSY 2A1 71SBA CYBBA CYB A
F4 SIG GEN 2A1A2 71SBB CYBBB CYB A
F4 LOCAL USC 2A1A3 71SBC CYBBC CYB A
F4 IF SUM AMP 2A1A4 71SBO CYBBB CYB A
F4 IF AMP SUM CHAN 2A1A5A1 71SBE CYBBE CYB A
F4 IF DIFF PREAMP 2A1A6 71SBF CYBBF CYB A
F4 TRANS ASSY 2A2 71SRG CYBBG CYB A
F4 POWER SUPPLY 2A2A1 71SRH CYBBH CYB A
F4 POWER SUPPLY 2A2AZ 71SBJ CYBBJ CYB A
F4 AMP 2A2AY 71SBK CYBBK CYB A
F4 FINAL OUTPUT CAVITY 2A2AB 71SBL CYBBL CYB A

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F4 BRD ASSY SELF TEST,2A3	71SBM	CYBBM	CYB	A
F4 BRD ASSY VIDEO 2AY	71SBN	CYBBN	CYB	A
F4 BRD ASSY MODE 4,2A5	71SBP	CYBBP	CYB	A
F4 BRD ASSY RSL5 2A6	71SBQ	CYBBQ	CYB	A
F4 IF AMP DIFF CHAN 2A1A7A1	71SBR	CYBBR	CYB	A
F4 SWITCH,AMP SA-1568A/APX-76	71SCO	CYBC	CYB	A
F4 BOARD ASSY PERFORMANCE 3A1	71SCA	CYBCA	CYB	A
F4 SWITCH,DRIVER ASSY 3A2	71SCB	CYBCB	CYB	A
F4 RF SWITCH 3A6	71SCC	CYBCC	CYB	A
F4 FINAL OUTPUT CAVITY 3Z7	71SCD	CYBCD	CYB	A
F4 DIPLEXER,FILTER ASSY 3A8	71SCE	CYBCE	CYB	A
F4 BOARD ASSY,POWER SUPPLY 3A9	71SCF	CYBCF	CYB	A
F4 SYNCHRONIZER SN-416A/APX-76	71SDO	CYBD	CYB	A
F4 BOARD ASSY DECODER	71SDA	CYBDA	CYB	A
F4 BOARD ASSY INTERROGATOR 4A2	71SDB	CYBDB	CYB	A
F4 BOARD ASSY CONTROL 4A3	71SDC	CYBDC	CYB	A
F4 BOARD ASSY FAULT IND 4A4	71SDD	CYBDD	CYB	A
F4 BOARD ASSY PERFORMANCE 4A5	71SDE	CYBDE	CYB	A
F4 BOARD ASSY PULSE,DELAY 4A6	71SDF	CYBDF	CYB	A
F4 VIDEO GATING ASSY 4A7	71SDG	CYBDG	CYB	A
F4 FILTER ASSY 4A8	71SDH	CYBDH	CYB	A
F4 BOARD ASSY FILTER 4A8A1	71SDJ	CYBDJ	CYB	A
F4 BOARD ASSY FILTER 4A8A2	71SDK	CYBDK	CYB	A
F4 BOARD ASSY POWER SUPPLY 4A9	71SDL	CYBDL	CYB	A
F4 ANTENNA,DIPOLE 119796	71SEO	CYBE	CYB	1
F4 ANTENNA ASSY VHF LOOP	71SFO	CYBF	CYB	1
F4CANTENNA 85-24380E02	72520	CYBG	CYB	1
F4DT-961/APX-81 R/T	71VAO	CYBKA	CYB	8
F4DC-8518/APX-81 CONTROL	71VBQ	CYBK8	CYB	8
F4DCOAXIAL SWITCH	71VCO	CYBKC	CYB	8
F4DBANDPASS FILTER	71VDO	CYBKD	CYB	8
F4DANTENNA,LOOP	71VEO	CYBKE	CYB	8
F4 TRANSPONDER		CYC	CY	8
F4 SST181X TRANSPONDER ASSY	72510	CYCA	CYC	8
F4 RF SUBASSY	7251A	CYCAA	CYC	A
F4 PWR SUPPLY	7251B	CYCAB	CYC	A
F4 IF AMP	7251C	CYCAC	CYC	A
F4 DECODER	7251D	CYCAD	CYC	A
F4 MODULATOR	7251E	CYCAE	CYC	A
F4 ENCODER	7251F	CYCAF	CYC	A
F4 IFF CONTROL BOX	72530	CYDCZ	CY	8
F4 NAVIGATION		CZ	C	E
F4 DISPLAYS/REDDU ATTEN		CZA	CZ	001222240
F4 PRESENT POSITION INDICATION		CZAA	CZZX	111111111
F4 GROUND SPEED INDICATION		CZAR	CZZY	111111111
F4CID-1126/ASN-46	71A30	CZABA	CZAB	A
F4CAMPLIFIER INDICATOR 1804938171A3A	71A3A	CZABAA	CZAB	A
F4CINDICATOR MECHANISM 1816390171A3B	71A3B	CZABAR	CZAB	A
F4CID-1126/ASN-46	71B30	CZABB	CZAB	A
F4OID-1126/ASN-46	71B30	CZABB	CZAB	A

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1234567890123456789012345678901234567890123456789012345678901234567890
F4EID-1126/ASN-46          71B30  CZAB  CZAB  A
F4RID-1126/ASN-46          71B30  CZAB  CZAB  A
F4AMPLIFIER INDICATOR 1804938171B3A CZABBA CZAB  A
F4AMPLIFIER INDICATOR 1804938171B3A CZABBA CZAB  A
F4AMPLIFIER INDICATOR 1804938171B3A CZABBA CZAB  A
F4AMPLIFIER INDICATOR 1804938171B3A CZABBA CZAB  A
F4INDICATOR MECHANISM 1816390171B3B CZABBB CZAB  A
F4INDICATOR MECHANISM 1816390171B3B CZABBB CZAB  A
F4INDICATOR MECHANISM 1816390171B3B CZABBB CZAB  A
F4INDICATOR MECHANISM 1816390171B3B CZABBB CZAB  A
F4 RANGE INDICATION          CZAC  CZZY  11111111
F4 INDICATOR A              CZAC  CZAC  11111111
F4CRDHI ID-663/U          71LJO  CZACAA CZACA  A
F4CRDHI ID-663/U          71LJO  CZACAA CZACA  A
F4CRDHI ID-663/U          71LJO  CZACAA CZACA  A
F4CRDHI ID-663/U          71PEO  CZACAA CZACA  A
F4 INDICATOR B              CZACB  CZAC  22222222
F4 INDICATOR, HORIZ SITUATION 512CL CZACBA CZACB  A
F4 AMPLIFIER, HSI          512CM CZACBB CZACB  A
F4 BEARING INDICATION          CZAD  CZA  008888800
F4 INDICATOR A              CZADA  CZAD  11111111
F4CRDHI ID-6630U          71LJO  CZADAA CZADA  A
F4CRDHI ID-6630U          71LJO  CZADAA CZADA  A
F4CRDHI ID-6630U          71LJO  CZADAA CZADA  A
F4CRDHI ID-6630U          71PEO  CZADAA CZADA  A
F4 INDICATOR B              CZADB  CZAD  22222222
F4 INDICATOR, HORIZ SITUATION 512CL CZADBA CZADA  A
F4 AMPLIFIER, HSI          512CM CZADBB CZADA  A
F4 AMPLIFIER, COMPASS SERVO 512CN CZADBC CZADA  A
F4 AMPLIFIER, BEARING SERVO 512CP CZADBD CZADA  A
F4 AMPLIFIER, COURSE CMD SERVO 512CR CZADBE CZADA  A
F4 HEADING INDICATION          CZAE  CZA  088888840
F4 INDICATOR A              CZAEA  CZAE  000000000
F4CRDHI ID-663/U          71LJO  CZAEAA CZAEA  A
F4CRDHI ID-663/U          71LJO  CZAEAA CZAEA  A
F4CRDHI ID-663/U          71LJO  CZAEAA CZAEA  A
F4CRDHI ID-663/U          71PEO  CZAEAA CZAEA  A
F4 INDICATOR B              CZAEB  CZAE  11111111
F4 INDICATOR, HORIZ SITUATION 512CL CZAEBA CZAEB  A
F4 AMPLIFIER HSI          512CM CZAEBB CZAEB  A
F4 AMPLIFIER COMPASS SERVO 512CN CZAEBC CZAEB  A
F4 AMPLIFIER HEAD CMD SERVO 512CQ CZAEBD CZAEB  A
F4 INDICATOR C              CZAEC  CZAF  11111111
F4RIND.ATT.DIR ARU-11/A    71770 CZAECA CZAEC  A
F4AMPLIFIER PWR SUPPLY    731HM CZAECA CZAEC  A
F4AMPLIFIER PWR SUPPLY    731HM CZAECA CZAEC  A
F4AMPLIFIER PWR SUPPLY    731HM CZAECA CZAEC  A
F4INDICATOR, ATTITUDE REFERENCE 731HO CZAECA CZAEC  A
F4INDICATOR, ATTITUDE REFERENCE 731HO CZAECA CZAEC  A
F4INDICATOR, ATTITUDE REFERENCE 731HO CZAECA CZAEC  A

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F4RIND.ATT DIR ARU-31/A      71840  CZAECAX      CZAFC      A
F4RAMPLIFIER POWER SUPPLY    71770  CZAECB      CZAEC      A
F4 STEERING SOLUTIONS        CZB      CZQ      CZE      111111111
F4 SELF CONTAINED STEER INFO CZBA      CZAA      FAAAAAAAAA
F4 SELF CONTAINED STEER INFO CZBA      CZB      CZBB      111111100
F4CAMP COMP AM-3734/ASN-46    71A20  CZRAA      CZBA      8
F4CAMP A803,4,5,6            71A2A  CZBAAA     CZBA      A
F4CAMP A802                   71A2B  CZHAAB     CZBA      A
F4CPRE-AMP A807              71A2C  CZBAAC     CZBA      A
F4CCOMP MECH,RANGE A810      71A2E  CZBAAE     CZBA      A
F4CBEARING,GND TRACK A809    71A2F  CZBAAF     CZBA      A
F4CTIMERM810                 71A2G  CZBAAG     CZBA      A
F4CAMP BUFFER                71A2H  CZBAAH     CZBA      A
F4CAMP COMP AM-3734/ASN-46A   71B20  CZBAB      CZBA      A
F4DAMP COMP AM-3734/ASN-46A   71B20  CZBAB      CZBA      A
F4EAMP COMP AM-3734/ASN-46A   71B20  CZBAB      CZBA      A
F4RAMP COMP AM-3734/ASN-46A   71B20  CZBAB      CZBA      A
F4CAMP A803,4,5,6            71B2A  CZBABA     CZBA      A
F4DAMP A803,4,5,6            71B2A  CZBABA     CZBA      A
F4EAMP A803,4,5,6            71B2A  CZBABA     CZBA      A
F4RAMP A803,4,5,6            71B2A  CZBABA     CZBA      A
F4CAMP 802                   71B2B  CZBAB8     CZBA      A
F4DAMP 802                   71B2B  CZBAB8     CZBA      A
F4EAMP 802                   71B2B  CZBAB8     CZBA      A
F4RAMP 802                   71B2B  CZBAB8     CZBA      A
F4CPRE AMP A807              71B2C  CZBABC     CZBA      A
F4DPRE AMP A807              71B2C  CZBABC     CZBA      A
F4EPRE AMP A807              71B2C  CZBABC     CZBA      A
F4RPRE AMP A807              71B2C  CZBABC     CZBA      A
F4CFILTER MODULE A811        71B2D  CZBABD     CZBA      A
F4DFILTER MODULE A811        71B2D  CZBABD     CZBA      A
F4EFILTER MODULE A811        71B2D  CZBABD     CZBA      A
F4RFILTER MODULE A811        71B2D  CZBABD     CZBA      A
F4CCOMP MECH,RANGE A810      71B2E  CZBABE     CZBA      A
F4DCOMP MECH,RANGE A810      71B2E  CZBABE     CZBA      A
F4ECOMP MECH,RANGE A810      71B2E  CZBABE     CZBA      A
F4RCOMP MECH,RANGE A810      71B2E  CZBABE     CZBA      A
F4CBEARING GND TRACK A809    71B2F  CZBABF     CZBA      A
F4DBEARING GND TRACK A809    71B2F  CZBABF     CZBA      A
F4EBEARING GND TRACK A809    71B2F  CZBABF     CZBA      A
F4RBEARING GND TRACK A809    71B2F  CZBABF     CZBA      A
F4CTIMER M801                71B2G  CZBAG      CZBA      A
F4DTIMER M801                71B2G  CZBAG      CZBA      A
F4ETIMER M801                71B2G  CZBAG      CZBA      A
F4RTIMER M801                71B2G  CZBAG      CZBA      A
F4CAMP BUFFER A808           71B2H  CZBABH     CZBA      A
F4DAMP BUFFER A808           71B2H  CZBABH     CZBA      A
F4EAMP BUFFER A808           71B2H  CZBABH     CZBA      A
F4RAMP BUFFER A808           71B2H  CZBABH     CZBA      A
F4 DEPENDENT STEERING INFO    CZBB      CZB      K CZBA      00AAAAA00

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 INS MODE CZC CZBA CZD 111111111
F4 AIR DATA MODE CZD CZBA K CZC AAAAAAAAAA
F4 DEAD RECKONING CZE CZQ K CZB CAAAAAAAAA5C
F4 STANDBY COMPASS CZE CZE AAAAAAAAAA
F4 STANDBY COMPASS 512AB CZEAA CZE A
F4 ELAPSED TIME CZEC CZE 111111111
F4 CLOCK 512AA CZECA CZEC 1
F4 ADF MODE CZF CZHB 111111111
F4CCANTENNA,ADF,AS-1059 ASQ 71LLO CZFA CZF A
F4DCANTENNA,ADF,AS-1059 ASQ 71LLO CZFA CZF A
F4R ANTENNA,ADF,AS-1059 ASQ 71PGO CZFA CZF A
F4C DRIVE ANTENNA 71LLA CZFAA CZF A
F4D DRIVE ANTENNA 71LLA CZFAA CZF A
F4R DRIVE ANTENNA 71PGA CZFAA CZF A
F4CCHOPPER ASSEMBLY 71LLB CZFAB CZF A
F4DCHOPPER ASSEMBLY 71LLB CZFAB CZF A
F4RCHOPPER ASSEMBLY 71PGB CZFAB CZF A
F4CRADIATOR ASSEMBLY 71LLC CZFAC CZF A
F4DRADIATOR ASSEMBLY 71LLC CZFAC CZF A
F4RRADIATOR ASSEMBLY 71PGC CZFAC CZF A
F4CANTENNA,ADF AS-909/ARA-48 71LMO CZFB CZF A
F4DCANTENNA,ADF AS-909/ARA-48 71LMO CZFB CZF A
F4EANTENNA,ADF AS-909/ARA-48 71LMO CZFB CZF A
F4RANTENNA,ADF AS-909/ARA-48 71PHQ CZFB CZF A
F4C DRIVE,ANTENNA 71LMA CZFBA CZF A
F4D DRIVE,ANTENNA 71LMA CZFBA CZF A
F4R DRIVE,ANTENNA 71LMA CZFBA CZF A
F4R DRIVE,ANTENNA 71PHA CZFBA CZF A
F4CCHOPPER ASSEMBLY 71LMB CZFBB CZF A
F4DCHOPPER ASSEMBLY 71LMB CZFBB CZF A
F4PCHOPPER ASSEMBLY 71PHB CZFBB CZF A
F4ERADIATOR ASSEMBLY 71LMB CZFBC CZF A
F4CRADIATOR ASSEMBLY 71LMC CZFBC CZF A
F4DRADIATOR ASSEMBLY 71LMC CZFBC CZF A
F4RRADIATOR ASSEMBLY 71PHC CZFBC CZF A
F4CRELAY,UHF/ADF COAXIAL,ASQ 71LVO CZFC CZF A
F4DRELAY,UHF/ADF COAXIAL,ASQ 71LVO CZFC CZF A
F4ERELAY,UHF/ADF COAXIAL,ASQ 71LVO CZFC CZF A
F4RDELAY,UHF/ADF COAXIAL,ASQ 71QAO CZFC CZF A
F4RATTITUDE HEAD/REF SYSTEM CZK CZD AAAAAAAAAA
F4R ATT/HEAD REF SYS CZK DBEH CZR 111111111
F4RAN/ASM-55 71700 CZKA CZK 0
F4PWR SUPPLY,LEVELING AMP 71710 CZKAA CZK A
F4RMETER,TIME TOTALIZING 7171A CZKAAA CZK 0
F4RADAPTER,POWER 7171B CZKAAB CZK A
F4RRELAYS 7171C CZKAAC CZK A
F4RAMPLIFIER,SERV/ 7171D CZKAAD CZK A
F4RTRANSFORMER,POWER,STEPDOWN 7171E CZKAAE CZK A
F4RGYROSCOPE,DIRECTIONAL 71720 CZKAB CZK A
F4RPRIM/STBY SWITCH ASSY 7173A CZKABCA CZK A

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4RRELAY BOX ASSY 7173B CZKABCB CZK A
F4RCONTROLLER, COMPASS SYSTEM 71730 CZKAC CZK A
F4RGYROSCOPE, SWITCHING RATE 71740 CZKAD CZK A
F4RCOMPENSATOR, COMPASS ADPTER 71750 CZKAE CZK A
F4RSYNCHRO ASSY 7175A CZKAEA CZK A
F4RMOTOR GENERATOR 7175B CZKAEB CZK A
F4RSYNCHRO 7175C CZKAEC CZK A
F4RGEAR ASSY 7175D CZKAED CZK A
F4RHOUSING ASSEMBLY 7175E CZKAEF CZK 1
F4RADJUSTMENT MODULE 7175F CZKAEG CZK A
F4RPOWER SUPPLY 7175G CZKAEG CZK A
F4RAMPLIFIER, AUDIO 7175H CZKAEH CZK A
F4RAMPLIFIER, SERVO 7175J CZKAEJ CZK A
F4RCKT BRD, AMP SLAVE/CORRECTION 7175K CZKAEL CZK A
F4RCKT BRD, AMP SERVO A1 7175L CZKAEM CZK A
F4RCKT BRD, AMP SERVO A2 7175M CZKAEN CZK A
F4RCKT BRD, DEMOD/REMOD 7175N CZKAEP CZK A
F4RCKT BRD, POWER SUPPLY 71760 CZKAF CZK A
F4RML-1 COMPASS TRANSMITTER 71820 CZKAG CZK 1
F4RMD-1 DISPLACEMENT GYRO 71830 CZKAH CZK 8
F4 CONTROL CZL CZBA SAAAAAAAAA
F4 CONTROL CZL CZC FAAAAAAAAA
F4 CONTROL CZL CZD FAAAAAAAAA
F4CCONTROL COMP CP-723/ASN-46 71A10 CZLA CZL 8
F4CCOMPASS AND TAS MOD 71A1A CZLAA CZL A
F4CINTEROGATOR 71A1B CZLAB CZL A
F4CMECHANISM ASSY 71A1C CZLAC CZL A
F4CINTEGRATOR, DUAL 71A1D CZLAD CZL A
F4CFRONT PANEL ASSY 71A1E CZLAE CZL A
F4CBOARD, TERMINAL 71A1F CZLAF CZL A
F4CELECTRONIC MODULE 71A1G CZLAG CZL A
F4CELECTRONIC COMP 71A1H CZLAH CZL A
F4CTRANS AND AUTOSYN 71A1J CZLAJ CZL A
F4CCONTROL COMP CP-723B/ASN-46A 71B10 CZLB CZL 8
F4DCONTROL COMP CP-723B/ASN-46A 71B10 CZLB CZL 8
F4ECONTROL COMP CP-723B/ASN-46A 71B10 CZLB CZL 8
F4RCONTROL COMP CP-723B/ASN-46A 71B10 CZLB CZL 8
F4CLOUNGITUDINAL ASSY 71B1A CZLBA CZL A
F4DLOUNGITUDINAL ASSY 71B1A CZLBA CZL A
F4ELOUNGITUDINAL ASSY 71B1A CZLBA CZL A
F4RLOUNGITUDINAL ASSY 71B1A CZLBA CZL A
F4CLATITUDINAL ASSY 71B1B CZLBB CZL A
F4DLATITUDINAL ASSY 71B1B CZLBB CZL A
F4ELATITUDINAL ASSY 71B1B CZLBB CZL A
F4RLATITUDINAL ASSY 71B1B CZLBB CZL A
F4CVAR AND WIND CNTRL 71B1C CZLBC CZL A
F4DVAR AND WIND CNTRL 71B1C CZLBC CZL A
F4EVAR AND WIND CNTRL 71B1C CZLBC CZL A
F4RVAR AND WIND CNTRL 71B1C CZLBC CZL A

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F4CELEC COMP LONGITUDE	7181D	CZLBD	CZL	A
F4DFLEC COMP LONGITUDE	7181D	CZLBD	CZL	A
F4EELEC COMP LONGITUDE	7181D	CZLBD	CZL	A
F4RELEC COMP LONGITUDE	7181D	CZLBD	CZL	A
F4CELEC COMP LATTITUDE	7181E	CZLBE	CZL	A
F4DFLEC COMP LATTITUDE	7181E	CZLBE	CZL	A
F4EELEC COMP LATTITUDE	7181E	CZLBE	CZL	A
F4RELEC COMP LATTITUDE	7181E	CZLBE	CZL	A
F4CRELAY BOARD	7181F	CZLBF	CZL	A
F4DRELAY BOARD	7181F	CZLBF	CZL	A
F4ERELAY BOARD	7181F	CZLBF	CZL	A
F4RRELAY BOARD	7181F	CZLBF	CZL	A
F4CLAT TRIMMING	7181G	CZLBG	CZL	A
F4DLAT TRIMMING	7181G	CZLBG	CZL	A
F4ELAT TRIMMING	7181G	CZLBG	CZL	A
F4CLONG TRIMMING	7181H	CZLBH	CZL	A
F4DLONG TRIMMING	7181H	CZLBH	CZL	A
F4ELONG TRIMMING	7181H	CZLBH	CZL	A
F4RLONG TRIMMING	7181H	CZLBH	CZL	A
F4EELEC COMP TIME DELAY	7181J	CZLBJ	CZL	A
F4CFLEC COMP	7181K	CZLBK	CZL	A
F4DELEC COMP	7181K	CZLBK	CZL	A
F4EFLEC COMP	7181K	CZLBK	CZL	A
F4RELEC COMP	7181K	CZLBK	CZL	A
F4CPANEL,CONTROL C-4779/ASN	7181G	CZLC	CZL	A
F4RPANEL,CONTROL C-4779/ASN	71G10	CZLC	CZL	A
F4DPANEL,CONTROL C-4779/ASN	71H10	CZLC	CZL	A
F4EPANEL,CONTROL C-4779/ASN	71H10	CZLC	CZL	A
F4 FLIGHT DIRECTOR GROUP		CZM	CZB	AAAAAAAAA
F4RFLIGHT DIRECTOR GROUP		CZM	C7PK	FAAAAAAAAAA
F4 COMPUTER,FLIGHT DIRECTOR	512CA	CZMA	CZM	8
F4 MODULE,LATERAL COMPUTER	512CB	CZMB	CZM	A
F4 MODULE,POWER AND SWITCHING	512CC	CZMC	CZM	A
F4 MODULE,SERVO AMP	512CD	CZMD	CZM	A
F4 MODULE,BEARING MECHANISM	512CE	CZME	CZM	A
F4 MODULE,COMMAND MECHANISM	512CF	CZMF	CZM	A
F4 CONTROL ASSY,ADJUSTMENT	512CG	CZMG	CZM	A
F4 AMPLIFIER,MAGNETIC	512CH	CZMH	CZM	A
F4 SHOCK MOUNT,COMPUTER	512CJ	CZMJ	CZM	0
F4 CONTROL MODE SELECTOR	512CK	CZMK	CZU	A
F4RCONTROL MODE SELECTOR	512CK	CZML	CZT	A
F4 CONTROL MODE SELECTOR	512CK	CZMM	CZF	A
F4 CONTROL MODE SELECTOR	512CK	CZMN	CZBA	A
F4 POTENTIOMETERS	512CS	CZMS	CZM	A
F4RFORWARD LOOKING RADAR NAV		CZP	CZPZ	111111111
F4RFORWARD LOOKING RADAR		CZP	MRBA	111111111
F4RTRANSMIT FUNCTION		CZPA	CZP	AAAAAAAAA
F4RTRANSMITTER,RADAR T920/AS099733C0		CZPAA	CZPA	2
F4RMODULATOR,2A2	733CA	CZPAAA	CZPA	A
F4RGGENERATOR ASSEMBLY	733C0	CZPAAD	CZPA	A

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F4RSYNCHRONIZER 2A3	733CE	CZPAAE	CZPA	A
F4ROSCILATTOR	733CF	CZPAAF	CZPA	A
F4RGENERATOR, PRF	733CG	CZPAAG	CZPA	A
F4RPOWER SUPPLY 2AY	733CH	CZPAAH	CZPA	A
F4RPOWER SUPPLY SUBASSY	733CJ	CZPAAJ	CZPA	A
F4RFILTER ASSY	733CK	CZPAAK	CZPA	A
F4RANTENNA RCVR AS-1451/ASQ-99	733EO	CZPAR	CZPA	2
F4RDUPLEX MIXER	733ER	CZPABA	CZPA	A
F4RMIXER SUBASSY	733ES	CZPABB	CZPA	A
F4RCABLE ASSY	733ET	CZPABC	CZPA	A
F4RMICROWAVE ASSY	733EQ	CZPABD	CZPA	A
F4RANTENNA POSITIONING FUNCTION		CZPH	CZP	AAAAAAAAA
F4RANTENNA RECEIVER AS-1451	733EO	CZPBA	CZPB	2
F4RGEAR ASSY 3A5	733EK	CZPBAA	CZPB	A
F4RBRAKE, ANTENNA	733EL	CZPBAAAB	CZPB	A
F4RGEAR ASSY AZIMUTH 3A6	733EM	CZPBAC	CZPB	A
F4RBRAKE AND GEAR ASSY	733EN	CZPBAD	CZPB	A
F4RGEAR ASSY 3A7	733EP	CZPBAE	CZPB	A
F4RPOWER SUPPLY PROG PP-3814	733EO	CZPBH	CZPB	2
F4RTRANSISTOR ASSY	733OJ	CZPBHA	CZPB	A
F4RAMPLIFIER	733OK	CZPBHB	CZPB	A
F4RAMPLIFIER, ELEC CNTR AZ 1A13	733OL	CZPBBC	CZPB	A
F4RAMPLIFIER, ELEVATION 1A9	733OM	CZPBBD	CZPB	A
F4RAMPLIFIER, ROLL 1A11	733ON	CZPBBE	CZPB	A
F4RPROGRAMMER ASSY	733OP	CZPBHF	CZPB	A
F4RRDRIVER POINTER	733OQ	CZPBHG	CZPB	A
F4RRECEIVE FUNCTION		CZPC	CZP	AAAAAAAAA
F4RANTENNA RECEIVER	733EO	CZPCA	CZPC	2
F4RMICROWAVE ASSY	733EQ	CZPCAA	CZPC	A
F4RDUPLEX MIXER	733ER	CZPCAB	CZPC	A
F4RMIXER SUBASSY	733ES	CZPCAC	CZPC	A
F4RCABLE SUBASSY	733ET	CZPCAD	CZPC	A
F4RRCVR SUBASSY 3A9	733EW	CZPCAE	CZPC	A
F4RPOST AMP 2-F 3A9A1, 3A9A2	733EX	CZPCAF	CZPC	A
F4RPHASE DET 3A9A3	733EY	CZPCAG	CZPC	A
F4RFILTER BRD 3A9AY	733EZ	CZPCAH	CZPC	A
F4RVIDEO PROCESSOR 3A9A5	733E1	CZPCAJ	CZPC	A
F4RPHANTASTRON AMP 3A8	733E2	CZPCAK	CZPC	A
F4RAFC VIDEO AMP	733E3	CZPCAL	CZPC	A
F4RTEST OSC 3A8A1	733E4	CZPCAM	CZPC	A
F4RCONTRL ASSY	733E5	CZPCAN	CZPC	A
F4RAMP, AFC 3AY	733E6	CZPCAP	CZPC	A
F4RAMP, AFC 3A3	733E7	CZPCAQ	CZPC	A
F4RPREAMP 3A1, 3A2	733E8	CZPCAR	CZPC	A
F4RCOMPUTER FUNCTION		CZPD	CZP	AAAAAAAAA
F4RCOMPUTER FUNCTION		CZPD	CZPK	FAAAAAAAAAA
F4RCOMMAND COMPUTER CP-731	733BO	CZPDA	CZPD	2
F4RCOMPUTER NO.2	733BA	CZPDAA	CZPD	A
F4RTEST MONITOR	733BB	CZPDAB	CZPD	A
F4RTEST MONITOR AND CMD GEN 4A1	733BC	CZPDAC	CZPD	A

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1234567890123456789012345678901234567890123456789012345678901234567890
F4RTEMPLATE GEN 4A3          733BD CZPDAD CZPD A
F4RALTIMETER OVERRIDE 4A4    733BE CZPDAE CZPD A
F4RINDICATOR FUNCTION        CZPE AAAAAAAAAA
F4RFWD IND FUNCTION          CZPF CZPE CZPG 11111111
F4RIND FWD AZI RNG IP-710    733FO CZPFA CZPF 2
F4RIND FWD                  733FG CZPFAG CZPF A
F4RDRIVER                   733FH CZPFAH CZPF A
F4RTERMINAL                 733FJ CZPFAJ CZPF A
F4RMODULE MOUNT NO. 1       733FK CZPFAK CZPF A
F4RMODULE MOUNT NO. 2       733FL CZPFAL CZPF A
F4RMODULE MOUNT NO. 3       733FM CZPFAM CZPF A
F4RAFT IND FUNCTION          CZPG K CZPF AAAAAAAAAA
F4RIND AFT,AZI RNG IP-711    733GO CZPGA CZPG 2
F4RREAR IND                 733GD CZPGAD CZPG A
F4RRELAY ASSY               733GE CZPGAE CZPG A
F4RRANGE DIVIDER 11A.       733GF CZPGAF CZPG A
F4RDRIVER 11A4              733GG CZPGAG CZPG A
F4RMODULE MOUNT NO. 1 11A1   733GH CZPGAH CZPG A
F4RMOUNT MODULE             733GJ CZPGAJ CZPG 1
F4RMODULE MOUNT NO.2 11A2    733GK CZPGAK CZPG A
F4RMOUNT MODULE             733GL CZPGAL CZPG 1
F4RMODULE MOUNT 11A3        733GM CZPGAM CZPG A
F4RMOUNT MODULE             733GN CZPGAN CZPG A
F4RREGULATOR 11A8          733GP CZPGAP CZPG A
F4RAZIMUTH IND 11A10        733GQ CZPGAQ CZPG A
F4RGEAR ASSY                733GR CZPGAR CZPG A
F4RINDICATOR                733GS CZPGAS CZPG A
F4RCONTROL FUNCTION          CZPH AAAAAAAAAA
F4RCONTROL C-4751/APQ99     733AO CZPHA CZPH 2
F4RGEAR ASSY 5A3            733AA CZPHAA CZPH A
F4RGEAR ASSY 5A4            733AB CZPHAB CZPH 1
F4RGENERATOR ASSY 5A5       733AC CZPHAC CZPH A
F4RGENERATOR 5A5A1          733AD CZPHAD CZPH A
F4RGENERATOR 5A5A2          733AE CZPHAE CZPH A
F4RCONTROL 5A2              733AF CZPHAF CZPH A
F4RCONTROL 5A1              733AG CZPHAG CZPH A
F4RPOWER CONTROL FUNCTION    CZPJ AAAAAAAAAA
F4RPOWER SUPPLY PROG PP-3814 733DO CZPJA CZPJ 2
F4RPS SUBASSY 1A7           733DI CZPJAA CZPJ A
F4RMOTOR AC                  733DB CZPJAB CZPJ A
F4RPS 1A6                    733D2 CZPJAC CZPJ A
F4RPS 1A5                    733D3 CZPJAD CZPJ A
F4RTRANSISTOR ASSY 1AY      733D4 CZPJAE CZPJ A
F4RPS 470406-1              733DF CZPJAF CZPJ A
F4RPS 470408-1              733DG CZPJAG CZPJ A
F4RPS SUBASSY 1A8           733DH CZPJAH CZPJ A
F4RPS 1A1                    733DI CZPJAJ CZPJ A
F4RPS 1A2                    733D6 CZPJAK CZPJ A
F4RPS SUBASSY 521862-1      733DR CZPJAR CZPJ A
F4RFILTER ASSY 1A1C         733DS CZPJAS CZPJ A

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F4RPS SUBASSY 1A21      7330T  CZPJAT      CZPJ      A
F4RRELAY ASSY 1A3       7330U  CZPJAU      CZPJ      A
F4RPS SUBASSY 1A12      7330V  CZPJAV      CZPJ      A
F4RPS SUBASSY 1A17      7330W  CZPJAW      CZPJ      A
F4RRELAY ASSY           7330X  CZPJAX      CZPJ      A
F4RGENERATOR 1A15       7330Y  CZPJAY      CZPJ      A
F4RDRIFT LIMITER 1A16   7330Z  CZPJAZ      CZPJ      A
F4RHORIZONTAL AKI POINTER      CZPK      CZPZ      222222222
F4RADI              7177G  CZPKA      CZPK      A
F4RADI              7184G  CZPKB      CZPK      A
F4RFORWARD MOUNT MT-3027  733HG  CZPX      CZP      1
F4RRADAR ATTENUATION      CZPZ      CZ      001111110
F4C HOMING              CZQ      CZ      AAAAAAAAAA
F4D HOMING              CZQ      CZ      AAAAAAAAAA
F4E HOMING              CZQ      CZ      AAAAAAAAAA
F4R HOMING              CZQ      CZ      111111111
F4 INERTIAL NAVIGATION SYSTEM      CZC      CZC      AAAAAAAAAA
F4RINS              CZR      CZPB      FAAAAAAAAAA
F4 INS ATTITUDE INFO      CZP      DBEH      MDCS  111111111
F4R INERTIAL NAV SYS      CZR      FFAA      555555555
F4C INS INPUT          CZR      MDCJ      F111111111
F4D INS INPUT          CZR      MDCJ      F111111111
F4E INS INPUT          CZR      MDCJ      F111111111
F4D INS INPUT          CZR      MDCL      555555555
F4E INS INPUT          CZR      MDCL      555555555
F4D INS INPUT          CZR      MDCN      FAAAAAAAAAA
F4E INS INPUT          CZR      MDCN      FAAAAAAAAAA
F4C INS INPUT          CZR      MDCK      F111111111
F4D INS INPUT          CZR      MDCR      F111111111
F4E INS INPUT          CZR      MDCR      F111111111
F4CINERTIAL NAV SYS AN/ASN-48  71F00  CZRA      CZR      0
F4RINERTIAL NAV SYS AN/ASN-56  71G00  CZRA      CZR      0
F4DINERTIAL NAV SYS AN/ASN-63  71H00  CZRA      CZR      0
F4EINERTIAL NAV SYS AN/ASN-63  71H00  CZRA      CZR      0
F4CCP-733/ASN-48 GROUP I      71E20  CZRAA      CZR      8
F4RCP-733/ASN-56 GROUP I      71G20  CZRAA      CZR      8
F4DCP-733/ASN-63 GROUP I      71H20  CZRAA      CZR      8
F4ECP-733/ASN-63 GROUP I      71H20  CZRAA      CZR      8
F4CELEC SUBASSY 631016 ETC    71E2A  CZRAAA      CZR      A
F4RELEC SUBASSY 631016 ETC    71G2A  CZRAAA      CZR      A
F4DELEC SUBASSY 631016 ETC    71H2A  CZRAAA      CZR      A
F4EELEC SUBASSY 631016 ETC    71H2A  CZRAAA      CZR      A
F4CROLL AMP ASSEMBLY 631057   71E2L  CZRAAB      CZR      A
F4RROLL AMP ASSEMBLY 631057   71G2L  CZRAAB      CZR      A
F4DROLL AMP ASSEMBLY 631057   71H2L  CZRAAB      CZR      A
F4EROLL AMP ASSEMBLY 631057   71H2L  CZRAAB      CZR      A
F4CBOARD, PRINTED CKT 631058   71E2M  CZRAAC      CZR      A
F4DBOARD, PRINTED CKT 631058   71H2M  CZRAAC      CZR      A
F4CAZIMUTH SERVO AMP 631061    71E2N  CZRAAD      CZR      A
F4RAZIMUTH SERVO AMP 631061    71G2N  CZRAAD      CZR      A

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F40A21MUTH SERVO AMP 631061	71H2N	CZRAAD	CZR	A
F40A21MUTH SERVO AMP 631061	71H2N	CZRAAD	CZR	A
F40BOARD, PRINTED CKT 631062	71E2P	CZRAAE	CZR	A
F40BOARD, PRINTED CKT 631062	71H2P	CZRAAE	CZR	A
F40ACCEL RESTORE AMP 631065/A7	71E2Q	CZRAAF	CZR	A
F40ACCEL RESTORE AMP 631065/A7	71G2Q	CZRAAF	CZR	A
F40ACCEL RESTORE AMP 631065/A7	71H2Q	CZRAAF	CZR	A
F40ACCEL RESTORE AMP 631065/A7	71H2Q	CZRAAF	CZR	A
F40BOARD, PRINTED CKT 631066	71E2R	CZRAAG	CZR	A
F40BOARD, PRINTED CKT 631066	71H2R	CZRAAG	CZR	A
F40GO-NO-GO PITCH ANGLE DETECT	71E2S	CZRAAH	CZR	A
F40GO-NO-GO PITCH ANGLE DETECT	71H2S	CZRAAH	CZR	A
F40GO-NO-GO PITCH ANGLE DETECT	71H2S	CZRAAH	CZR	A
F40BOARD, PRINTED CKT 631070	71E2T	CZRAAJ	CZR	A
F40BOARD, PRINTED CKT 631070	71H2T	CZRAAJ	CZR	A
F40PORT AMP ASSY 631073/A9, A1571E2U		CZRAAK	CZR	A
F40POWER AMP ASSY 631073/A9, A1571G2U		CZRAAK	CZR	A
F40PORT AMP ASSY 631073/A9, A1571H2U		CZRAAK	CZR	A
F40PORT AMP ASSY 631073/A9, A1571H2U		CZRAAK	CZR	A
F40BOARD, PRINTED CKT 631074	71E2V	CZRAAL	CZR	A
F40BOARD, PRINTED CKT 631074	71H2V	CZRAAL	CZR	A
F40ELEC MOD ASSY 631077-1	71E2W	CZRAAM	CZR	A
F40ELEC MOD ASSY 631077-1	71H2W	CZRAAM	CZR	A
F40ELEC MOD ASSY NO 38 631077-371E2X		CZRAAN	CZR	A
F40ELEC MOD ASSY NO 38 631077-371H2X		CZRAAN	CZR	A
F40ELEC MOD ASSY NO 39 631080	71E2Y	CZRAAP	CZR	A
F40ELEC MOD ASSY NO 39 631080	71G2Y	CZRAAP	CZR	A
F40ELEC MOD ASSY NO 39 631080	71H2Y	CZRAAP	CZR	A
F40ELEC MOD ASSY NO 39 631080	71H2Y	CZRAAP	CZR	A
F40AMPLIFIER, INNER, ROLL PITCH	71G2Z	CZRAAQ	CZR	A
F40CP-733/ASN-48 GROUP II	71E30	CZRAB	CZR	B
F40CP-733/ASN-56 GROUP II	71G30	CZRAB	CZR	B
F40CP-733/ASN-63 GROUP II	71H30	CZRAB	CZR	B
F40CP-733/ASN-63 GROUP II	71H30	CZRAB	CZR	B
F40LEVEL DET AND TIME DELAY	71E3A	CZRABA	CZR	A
F40LEVEL DET AND TIME DELAY	71G3A	CZRABA	CZR	A
F40LEVEL DET AND TIME DELAY	71H3A	CZRABA	CZR	A
F40LEVEL DET AND TIME DELAY	71H3A	CZRABA	CZR	A
F40BOARD, PRINTED CKT 631084	71E3B	CZRABB	CZR	A
F40BOARD, PRINTED CKT 631084	71H3B	CZRABB	CZR	A
F40ELEC MOD ASSY NO 1 631087	71E3C	CZRABC	CZR	A
F40ELEC MOD ASSY NO 1 A14A1	71G3C	CZRABC	CZR	A
F40ELEC MOD ASSY NO 1 631087	71H3C	CZRABC	CZR	A
F40ELEC MOD ASSY NO 1 A14A1	71H3C	CZRABC	CZR	A
F40ELEC MOD ASSY NO 2 631090	71E3D	CZRABD	CZR	A
F40ELEC MOD ASSY NO 2 A14A2	71G3D	CZRABD	CZR	A
F40ELEC MOD ASSY NO 2 631090	71H3D	CZRABD	CZR	A
F40ELEC MOD ASSY NO 2 A14A2	71H3D	CZRABD	CZR	A
F40ELEC MOD ASSY NO 3 631093	71E3E	CZRABE	CZR	A
F40ELEC MOD ASSY NO 3 A14A3	71G3E	CZRABE	CZR	A

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4DELEC MOD ASSY NO 3 631093 71H3E CZRABE CZR A
F4EFLEC MOD ASSY NO 3 A14A3 71H3E CZRABE CZR A
F4CELEC MOD ASSY NO 4 631096 71E3F CZRABF CZR A
F4DFLEC MOD ASSY NO 4 631096 71H3F CZRABF CZR A
F4CAMP ROLL AND PITCH 631099 71E3G CZRABG CZR A
F4DAMP ROLL AND PITCH 631099 71H3G CZRABG CZR A
F4EAMP ROLL AND PITCH 631099 71H3G CZRABG CZR A
F4CBOARD PRINTED CKT 631100 71E3H CZRABH CZR A
F4DBOARD PRINTED CKT 631100 71H3H CZRABH CZR A
F4CPS ASSY SPIN MTR GYRO 631103 71E3J CZRABJ CZR A
F4ROVEN COMPONENT, OUTER A22A1 71G3J CZRABJ CZR A
F4DPS ASSY SPIN MTR GYRO 631103 71H3J CZRABJ CZR A
F4EPS ASSY SPIN MTR GYRO A20 71H3J CZRABJ CZR A
F4CBOARD PRINTED CKT 631104 71E3K CZRABK CZR A
F4DBOARD PRINTED CKT 631104 71H3K CZRABK CZR A
F4CREG ASSY ELEC PS 631107 71E3L CZRABL CZR A
F4RPOWER SUPPLY ASSY A25 71G3L CZRABL CZR A
F4DREG ASSY ELEC PS 631107 71H3L CZRABL CZR A
F4EEREG ASSY ELEC PS A21 71H3L CZRABL CZR A
F4CBOARD, PRINTED CKT 631108 71E3M CZRABM CZR A
F4RCOMPONENT NO 1 A25A1 71G3M CZRABM CZR A
F4DBOARD, PRINTED CKT 631108 71H3M CZRABM CZR A
F4CDC AMP ASSY 3A4-5-10-11 71E3N CZRABN CZR A
F4RCOMPONENT NO 2 71G3N CZRABN CZR A
F4DDC AMP ASSY 3A4-5-10-11 71H3N CZRABN CZR A
F4EDC AMP ASSY 3A4-5-10-11 71H3N CZRABN CZR A
F4RINTEGRATOR SHAFT ASSY A24 71G3R CZRABR CZR A
F4CSUM AMP ASSY 3AG-12-13-16-19 71F3U CZRABU CZR A
F4DSUM AMP ASSY 3AG-12-13-16-19 71H3U CZRABU CZR A
F4ESUM AMP ASSY 3AG-12-13-16-19 71H3U CZRABU CZR A
F4KSUM AMP ASSY 3AG-12-13-16-19 71H3V CZRABV CZR A
F4CCP-733/ASN-48 GROUP III 71E40 CZRAC CZR 8
F4RCP-733/ASN-56 GROUP III 71G40 CZRAC CZR 8
F4DCP-733/ASN-63 GROUP III 71H40 CZRAC CZR 8
F4FCP-733/ASN-63 GROUP III 71H40 CZRAC CZR 8
F4CGYRO TEMP CONT/DET 631149 71E4A CZRACA CZR A
F4RPS SPIN MTR GYRO A20 71G4A CZRACA CZR A
F4DGYRO TEMP CONT/DET 631149 71H4A CZRACA CZR A
F4EGYRO TEMP CONT/DET A23 71H4A CZRACA CZR A
F4CCONTROL ASSY 631154 71E4B CZRACB CZR A
F4DCONTROL ASSY 631154 71H4B CZRACB CZR A
F4ECONTROL ASSY A23A1 71H4B CZRACB CZR A
F4CCONTROL SUBASSY 631155 71E4C CZRACC CZR A
F4RREG, ELEC AND PWR SUPPLY 71G4C CZRACC CZR A
F4DCONTROL SUBASSY 631155 71H4C CZRACC CZR A
F4ECONTROL SUBASSY A23A3 71H4C CZRACC CZR A
F4CDETECTOR ASSY 631227 71E4D CZRACD CZR A
F4DDETECTOR ASSY 631227 71H4D CZRACD CZR A
F4EDETECTOR ASSY A23A2 71H4D CZRACD CZR A
F4CBOARD PRINTED CKT 631228 71E4E CZRACE CZR A

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F4RDC AMP 3A4-3A5-3A10-3A11 71G4E CZRACE CZR A
F4DBOARD PRINTED CKT 631228 71H4E CZRACE CZR A
F4COVEN COMP/ELEC ASSY 631157 71E4F CZRACF CZR A
F4RGYRO TEMP CONTROL/DETECTOR 71G4F CZRACF CZR A
F4DOVEN COMP/ELEC ASSY 631157 71H4F CZRACF CZR A
F4DOVEN COMP/ELEC ASSY A22 71H4F CZRACF CZR A
F4CINNER OVEN COMP ASSY 631045 71E4G CZRACG CZR A
F4RCONTROL ASSY A23A1 71G4G CZRACG CZR A
F4CINNER OVEN COMP ASSY 631045 71H4G CZRACG CZR A
F4CBOARD, PRINTED CKT 631046 71E4H CZRACH CZR A
F4RCONTROL SUBASSY A23A3 71G4H CZRACH CZR A
F4CBOARD, PRINTED CKT 631046 71H4H CZRACH CZR A
F4COUTER OVEN COMP ASSY 631041 71E4J CZRACJ CZR A
F4RDETECTOR ASSY A23A2 71G4J CZRACJ CZR A
F4COUTER OVEN COMP ASSY 631041 71H4J CZRACJ CZR A
F4COUTER OVEN COMP ASSY A22A1 71H4J CZRACJ CZR A
F4CBOARD, PRINTED CKT 631042 71E4K CZRACK CZR A
F4CBOARD, PRINTED CKT 631042 71H4K CZRACK CZR A
F4CPWR SUPPLY SUB 631160, 667887 71E4L CZRACL CZR A
F4ROVEN COMP AND ELEC ASSY A22 71G4L CZRACL CZR A
F4CPWR SUPPLY SUB 631160, 667887 71H4L CZRACL CZR A
F4CPWR SUPPLY SUB A25 71H4L CZRACL CZR A
F4CCOMP ASSY NO 1 631231 71E4M CZRACM CZR A
F4CCOMP ASSY NO 1 631231 71H4M CZRACM CZR A
F4CCOMP ASSY NO 1 A25A1 71H4M CZRACM CZR A
F4CBOARD, COMPONENT 631232 71E4N CZRACN CZR A
F4CBOARD, COMPONENT 631232 71H4N CZRACN CZR A
F4CCOMPONENT ASSY NO 2 631234 71E4P CZRACP CZR A
F4CCOMPONENT ASSY NO 2 631234 71H4P CZRACP CZR A
F4CBOARD, COMPONENT 631235 71E4Q CZRACQ CZR A
F4CBOARD, COMPONENT 631235 71H4Q CZRACQ CZR A
F4CSHAFT INTERGRATOR 630960 71E4R CZRACR CZR A
F4CSHAFT INTERGRATOR 630960 71H4R CZRACR CZR A
F4CSHAFT INTERGRATOR A24 71H4R CZRACR CZR A
F4CGEAR SHAFT-CLOTH ASSY 628013 71E4S CZRACS CZR A
F4CGEAR SHAFT-CLOTH ASSY 628013 71H4S CZRACS CZR A
F4CCOMP ASSY NO1 630985 71E4T CZRACT CZR A
F4CCOMP ASSY NO1 630985 71H4T CZRACT CZR A
F4CBOARD, TERMINAL 631131 71H4U CZRACU CZR A
F4CBASE MOUNT 71E4V CZRACV CZR 1
F4COUTPUT SIG DIST MX4840/ASN48 71E50 CZRAD CZR 8
F4COUTPUT SIG DIST MX6728/ASN63 71H50 CZRAD CZR 8
F4COUTPUT SIG DIST MX6728/ASN63 71H50 CZRAD CZR 8
F4CCOMP ASSY NO 1 630925 71E5A CZRADA CZR 8
F4CSERNO, TRUE HEADING A1 71H5A CZRADA CZR 8
F4CSERNO, TRUE HEADING A1 71H5A CZRADA CZR 8
F4CBOARD COMP 630926 71E5B CZRADB CZR 8
F4CDAMPLIFIER TH AIARI 71H5B CZRADB CZR 8
F4EAMPLIFIER TH AIARI 71H5B CZRADB CZR 8
F4CSYNCHRO CONTROL 900141-88 71E5C CZRADC CZR 8

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F4RBJARD COMP A16A1	71G7L	CZRBBL	CZR	A
F4RAMP DIRECT CURRENT 5A1,5A3	71G7M	CZRBBM	CZR	A
F4RCOMP BRD NO 2 A4	71G7I	CZRBBN	CZR	A
F4RCOMP BRD NO 1 A1	71G72	CZRBBN	CZR	A
F4RDETECTOR,POWER A11	71G73	CZRBBP	CZR	A
F4RRAMP AIR VLVE RATE/FAULT A1071G74	71G74	CZRBBQ	CZR	A
F4RAMP CLIMB A9	71G75	CZRBBR	CZR	A
F4RCOMP BRD NO 4 A8	71G7T	CZRBBT	CZR	A
F4RAMP SUM 5A5,5A7	71G7U	CZRBBU	CZR	A
F4RCOMP BRD NO 5 A6	71G7Z	CZRBBZ	CZR	A
F4RCOMP A/C ATT CP-780/GROUP11	71G80	CZRBC	CZR	B
F4RRRESISTOR VARIABLE A12R1	71G8A	CZRBCA	CZR	A
F4RHOUSING MECH DRIVE 631613	71G8B	CZRBCB	CZR	A
F4RHOUSING MECH DRIVE 631711	71G8C	CZRBCB	CZR	A
F4RHOUSING MECH DRIVE 631714	71G8D	CZRBCD	CZR	A
F4R HOUSING MECH DRIVE	71G8E	CZRBCF	CZR	A
F4RHOUSING MECH DRIVE 631868	71G8F	CZRBCF	CZR	A
F4RHOUSING MECH DRIVE 631869	71G8G	CZRBCG	CZR	A
F4RHOUSING MECH DRIVE 631870	71G8H	CZRBCI	CZR	A
F4RHOUSING ADAPTER UNIT 632169	71G8J	CZRBCJ	CZR	A
F4RCHASSIS ELECTRICAL 632195	71G8K	CZRBCK	CZR	A
F4RLJRN MODE		CZT	CZBB	33333333
F4RAN/ARN-92 LORAN		CZTA	CZT	AAAAAAAAAA
F4RLORAN RCVR R1503/A	71JAU	CZTAA	CZTA	3
F4RCIRCUIT CARD 1A1	71JAA	CZTAAA	CZTA	A
F4RCIRCUIT CARD 1A1A1	71JAB	CZTAAB	CZTA	A
F4RCIRCUIT CARD 1A4A1,A2	71JAC	CZTAAC	CZTA	A
F4RCIRCUIT CARD 1A4A4	71JAD	CZTAAD	CZTA	A
F4RCIRCUIT CARD 1A4A5	71JAE	CZTAAE	CZTA	A
F4RCIRCUIT CARD 1A4A6	71JAF	CZTAAF	CZTA	A
F4RCIRCUIT CARD 1A4A7	71JAG	CZTAAG	CZTA	A
F4RCIRCUIT CARD 1A4A8	71JAH	CZTAAH	CZTA	A
F4RCIRCUIT CARD 1A4A9	71JAJ	CZTA AJ	CZTA	A
F4RCIRCUIT CARD 1A4A10,11	71JAK	CZTAAK	CZTA	A
F4RFILTER 1A3A2	71JAM	CZTAAM	CZTA	A
F4RCIRCUIT CARD 1A5A8	71JAN	CZTAAN	CZTA	A
F4RCIRCUIT CARD 1A5A6	71JAP	CZTAAP	CZTA	A
F4RCIRCUIT CARD 1A5A7	71JAQ	CZTAAQ	CZTA	A
F4RCIRCUIT CARD 1A5A5	71JAR	CZTAAR	CZTA	A
F4RCIRCUIT CARD 1A5A4	71JAS	CZTAAS	CZTA	A
F4RCIRCUIT CARD 1A5A3	71JAT	CZTAAT	CZTA	A
F4RCIRCUIT CARD 1A5A11	71JAU	CZTAAU	CZTA	A
F4RCIRCUIT CARD 1A5A10	71JAV	CZTAAV	CZTA	A
F4RCIRCUIT CARD 1A5A9	71JAW	CZTAAW	CZTA	A
F4RPOWER SUPPLY 11115G1	71JAX	CZTAAX	CZTA	A
F4RCIRCUIT CARD 1A5A2	71JAY	CZTAAY	CZTA	A
F4RCIRCUIT CARD	71JAZ	CZTAAZ	CZTA	A
F4RCONTROL INDICATOR C7417	71J80	CZTB	CZTA	B
F4RREGISTER 2A20	71J8A	CZTBA	CZTA	A
F4RDRIVER LAMP 2A21	71J8B	CZTBB	CZTA	A

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F4RSTORAGE BOARD 2A2 2A4	71JBC	CZTBC	CZTA	A
F4RDIM, BLANK DECODE 2A3	71JBD	CZTBD	CZTA	A
F4RCOMP NAV CP-898A GRP 1	71JCO	CZTC	CZTA	8
F4RD/S CONVERTER, FINE 1A1, 1A2	71JCA	CZTCA	CZTA	A
F4RD/S CONVERTER, COURSE 1A3	71JCB	CZTCB	CZTA	A
F4RWARN AND PROTECTION 1A4	71JCC	CZTCC	CZTA	A
F4ROC HOLD AMP L/3 1A5	71JCD	CZTCD	CZTA	A
F4RAC INPUT MOD 1A6	71JCE	CZTCE	CZTA	A
F4RAC SYNCHRONIZER 1Z7	71JCF	CZTCF	CZTA	A
F4RLOGIC MOD 1A8	71JCG	CZTCG	CZTA	A
F4RCOUNTER MOD 1A9	71JCH	CZTCH	CZTA	A
F4R0/A-A/D 1A10	71JCJ	CZTCJ	CZTA	A
F4RMEMORY PLANE 1A11	71JCK	CZTCK	CZTA	A
F4RCURRENT DRIVER MODULE 1A12	71JCL	CZTCL	CZTA	A
F4RSINK BOARD NO 1 1A13	71JCM	CZTCM	CZTA	A
F4RSINK BOARD NO 2 1A14	71JCN	CZTCN	CZTA	A
F4RPAW TIMER 1A15	71JCP	CZTCP	CZTA	A
F4RINDEX REGISTER R/W 1A16	71JCQ	CZTCQ	CZTA	A
F4RCLOCK 1A17	71JCR	CZTCR	CZTA	A
F4RTEST-INTEGRATE 1A18	71JCS	CZTCS	CZTA	A
F4RLEADER-DIGITAL 1A19	71JCT	CZTCT	CZTA	A
F4RCOMP SUB-ASSY 1A20	71JCV	CZTCV	CZTA	A
F4RINSTRUMENT DECODER 1A21	71JCW	CZTCW	CZTA	A
F4RKEYBRD INTERFACE 1A22	71JCX	CZTCX	CZTA	A
F4RDISPLAY INTERFACE 1A23	71JCY	CZTCY	CZTA	A
F4RMADAM INTERFACE 1A24	71JCZ	CZTCZ	CZTA	A
F4RCOMP NAV GRP II	71JDO	CZTD	CZTA	3
F4RDECODER INSTRUCTION 1A27	71JDA	CZTDA	CZTA	A
F4RLOGIC BOARD TAP 1A28	71JDB	CZTDB	CZTA	A
F4RREGISTER Y BUS 1A29	71JDC	CZTDC	CZTA	A
F4RREGISTER X BUS 1A30	71JDD	CZTDD	CZTA	A
F4RREGISTER ADD-SUBTRACT 1A31	71JDE	CZTDE	CZTA	A
F4RREGISTER CLOCK SIGNAL 1A32	71JDF	CZTDF	CZTA	A
F4RFAST MULTIPLY 1A33	71JDG	CZTDG	CZTA	A
F4RCOUNTER BIT E 1A34	71JDH	CZTDH	CZTA	A
F4RMEMORY SIGNAL 1A35	71JDJ	CZTDJ	CZTA	A
F4RARITH GATE MOD 1A36	71JDK	CZTDK	CZTA	A
F4RPRUG STORAGE BRD 1A37	71JDL	CZTDL	CZTA	A
F4RRATE AIDING MOD 1A38	71JDM	CZTDM	CZTA	A
F4RCORE MEMORY 1A39	71JDN	CZTDN	CZTA	A
F4RPOWER SUPPLY, PC 1A40	71JDP	CZTDP	CZTA	A
F4RPLATE, CONNECTOR MOUNTING	71JDQ	CZTDQ	CZTA	I
F4RANTENNA COUPLER CU-1721	71JEO	CZTE	CZTA	A
F4RSHOCK MOUNT BASE MT-3382	71JFO	CZTF	CZTA	C
F4RSHOCK MOUNT BAST MT-3383	71JGO	CZTG	CZTA	O
F4RPANEL, HF COMM/LORAN	71KFO	CZTK	CZTA	3
F4RDECODER INSTRUMENT 1A25	71JC1	CZTLA	CZTA	A
F4RREGISTER A-H 1A26	71JC2	CZTLB	CZTA	A
F4RSIGNL CONDITIONER AND SW	71K10	CZTM	CZTA	8
F4RPOWER SUPPLY A3	71K1C	CZTMCC	CZTA	A

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F4RCIRCUIT CARD A3A1	71K1D	CZTMCD	CZTA	A
F4RCIRCUIT CARD A3A2	71K1E	CZTMCE	CZTA	A
F4RMOTOR ASSY, SERVO	71K1F	CZTMCF	CZTA	A
F4RCIRCUIT CARD A1A1	71K1G	CZTMG	CZTA	A
F4RDRIFTSERVO ASSY A2	71K1H	CZTMH	CZTA	A
F4RMETER	71K1J	CZTMJ	CZTA	I
F4RCIRCUIT CARD A2AU	71K1K	CZTMK	CZTA	A
F4RSTATINC DISCHARGER, LORAN	71K2Q	CZTN	CZTA	O
F4RSTATIC DISCHARGER, SHORT	71K2A	CZTNA	CZTA	O
F4RSTATIC DISCHARGER, LONG	71K2B	CZTNB	CZTA	O
F4RRETAINER, STATIC DIS. WING	71K2C	CZTNC	CZTA	O
F4RRETAINER, STATIC DIS. LONG	71K2D	CZTND	CZTA	O
F4RRETAINER, STATIC DIS. STAB	71K2E	CZTNE	CZTA	O
F4RLORAN ANTENNA FIN TIP	71K3O	CZTP	CZTA	I
F4RANTENNA TOWEL BAR	71K6O	CZTQ	CZTA	I
F4RGROUND SPEED COUPLER	71K7O	CZTR	CZTA	A
F4RCIRCUIT CARD ASSY A1	71K7A	CZTRA	CZTA	A
F4RELEC COMP ASSY A2	71K7B	CZTRB	CZTA	A
F4RSYNCHRO ASSY AS	71K7C	CZTRC	CZTA	A
F4 TACAN MODE		CZU	CZBB	22222222
F4DCVVR-TRANS RT-547 TACAN	71LHO	CZUA	CZU	8
F4DDCVVR-TRANS RT-547 TACAN	71LBO	CZUA	CZU	8
F4EDCVVR-TRANS RT-547 TACAN	71LBO	CZUA	CZU	8
F4RRCVVR-TRANS RT-736 TACAN	71PKO	CZUA	CZU	3
F4CMODULATOR	71LBA	CZUAA	CZU	A
F4DMODULATOR	71LBA	CZUAA	CZU	A
F4EMODULATOR	71LBA	CZUAA	CZU	A
F4RRCVVR-TRANS SUB-ASSY	71PKA	CZUAA	CZU	A
F4CCHASSIS RCVR-TRAN	71LBB	CZUAB	CZU	A
F4DCHASSIS RCVR-TRAN	71LBB	CZUAB	CZU	A
F4ECHASSIS RCVR-TRAN	71LBB	CZUAB	CZU	A
F4RMODULATOR, PULSE	71PKB	CZUAB	CZU	A
F4CCAVITY, TUNED 542-4315-004	71LBC	CZUAC	CZU	A
F4DCAVITY, TUNED 542-4315-004	71LBC	CZUAC	CZU	A
F4ECAVITY, TUNED 542-4315-004	71LBC	CZUAC	CZU	A
F4RAMPLIFIER, IF	71PKC	CZUAC	CZU	A
F4COSCILLATOR, R-F	71LBD	CZUAD	CZU	A
F4DOSCILLATOR, R-F	71LBD	CZUAD	CZU	A
F4EOSCILLATOR, R-F	71LBD	CZUAD	CZU	A
F4RAMPLIFIER, FREQ MULTIPLIER	71PKD	CZUAD	CZU	A
F4CAMPLIFIER, I-F	71LBE	CZUAE	CZU	A
F4DAMPLIFIER, I-F	71LBE	CZUAE	CZU	A
F4EAMPLIFIER, I-F	71LBE	CZUAE	CZU	A
F4RAMPLIFIER, RR	71PKE	CZUAE	CZU	A
F4CCHASSIS AMPLIFIER	71LBF	CZUAF	CZU	A
F4DCHASSIS AMPLIFIER	71LBF	CZUAF	CZU	A
F4ECHASSIS AMPLIFIER	71LBF	CZUAF	CZU	A
F4RSELECTOR, CHANNEL	71PKF	CZUAF	CZU	A
F4CCAVITY, TUNED 544-7694-004	71LBG	CZUAG	CZU	A
F4DCAVITY, TUNED 544-7694-004	71LBG	CZUAG	CZU	A

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4CAVITY,TUNED 544-7694-004 71LHG CZUAG CZU A
F4RCHANNEL SUB-ASSY KTB-1< 71PKG CZUAG CZU A
F4CAVITY ASSEMBLY 71LHM CZUAM CZU A
F4CAVITY ASSEMBLY 71LBH CZUAM CZU A
F4CAVITY ASSEMBLY 71LBH CZUAM CZU A
F4RCHANNEL SUB-ASSY KTB-2< 71PKH CZUAM CZU A
F4CDRIVE TUNING 71LRJ CZUAM CZU A
F4CDRIVE TUNING 71LRJ CZUAM CZU A
F4CDRIVE TUNING 71LRJ CZUAM CZU A
F4OSCILLATOR SUB-ASSY KTB-11< 71PKJ CZUAM CZU A
F4CPLATE ASSY 71LBK CZUAK CZU A
F4CPLATE ASSY 71LBK CZUAK CZU A
F4CPLATE ASSY 71LBK CZUAK CZU A
F4CPRESELECTOR 71PKK CZUAK CZU A
F4CQUADRUPLER,MIXER 71LHL CZUAL CZU A
F4CQUADRUPLER,MIXER 71LHL CZUAL CZU A
F4CQUADRUPLER,MIXER 71LHL CZUAL CZU A
F4CPOWER SUPPLY 71PKL CZUAL CZU A
F4CDOUBLER,ASSY 71LRM CZUAM CZU A
F4CDOUBLER,ASSY 71LRM CZUAM CZU A
F4CDOUBLER,ASSY 71LRM CZUAM CZU A
F4CMOTOR D-C 71PKM CZUAM CZU A
F4CTRIPLER 71LRN CZUAN CZU A
F4CTRIPLER 71LRN CZUAN CZU A
F4CTRIPLER 71LRN CZUAN CZU A
F4CBASE,RCVR-TRANS 71PKN CZUAN CZU A
F4CAVITY 71LRP CZUAP CZU A
F4CAVITY 71LRP CZUAP CZU A
F4CAVITY 71LRP CZUAP CZU A
F4RCVR-TRANS SUB 542-5002-003 71LRQ CZUAP CZU A
F4RCVR-TRANS SUB 542-5002-003 71LRQ CZUAP CZU A
F4RCVR-TRANS SUB 542-5002-003 71LRQ CZUAP CZU A
F4CFILTER,RADIO INTERFERENCE 71LRR CZUAR CZU A
F4CFILTER,RADIO INTERFERENCE 71LRR CZUAR CZU A
F4CFILTER,RADIO INTERFERENCE 71LRR CZUAR CZU A
F4RCVR-TRANS SUB-ASSY 71LBS CZUAS CZU A
F4CRX-TX PULSE DECODER KY-312 71LDO CZUB CZU 8
F4CRX-TX PULSE DECODER KY-312 71LDO CZUB CZU 8
F4CRX-TX PULSE DECODER KY-312 71LDO CZUB CZU 8
F4RCVR-TRANS PLSE DECOD KY-531 71PLG CZUB CZU 8
F4CONVERTER COURSE 71LDA CZUBA CZU A
F4CONVERTER COURSE 71LDA CZUBA CZU A
F4CONVERTER COURSE 71LDA CZUBA CZU A
F4AMP BRNG SERV 71PLA CZUBA CZU A
F4COUPLER,BEARING 71LDB CZUBB CZU A
F4COUPLER,BEARING 71LDB CZUBB CZU A
F4COUPLER,BEARING 71LDB CZUBB CZU A
F4DETECTOR,BEARING,FINE 71PLB CZUBB CZU A
F4GEAR TRAIN 71LDC CZUBC CZU A
F4GEAR TRAIN 71LDC CZUBC CZU A

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F4EGEAR TRAIN	71LDC	CZURC	CZU	A
F4DETECTOR, BEARING, COURSE	71PLC	CZUBC	CZU	A
F4RDECOUPLER, BEARING	71PLD	CZUBD	CZU	A
F4CCOUPPLER, DISTANCE	71LDE	CZUBE	CZU	A
F4DCOUPPLER, DISTANCE	71LDE	CZURE	CZU	A
F4ECOUPPLER, DISTANCE	71LDE	CZURE	CZU	A
F4RDISCRIMINATOR, TIME	71PLE	CZUBE	CZU	A
F4CBEARING SERVO AMPLIFIER	71LDF	CZURF	CZU	A
F4DBEARING SERVO AMPLIFIER	71LDF	CZUBF	CZU	A
F4EBEARING SERVO AMPLIFIER	71LDF	CZURF	CZU	A
F4RAMPLIFIER, DISTANCE SERVO	71PLF	CZUBF	CZU	A
F4CDETECTOR, BEARING, FINE	71LDG	CZUBG	CZU	A
F4DDETECTOR, BEARING, FINE	71LDG	CZUBG	CZU	A
F4EDETECTOR, BEARING, FINE	71LDG	CZUBG	CZU	A
F4RGENERATOR, INTERROGATOR	71PLG	CZURG	CZU	A
F4CDETECTOR BEARING, COURSE	71LDH	CZURH	CZU	A
F4DDETECTOR BEARING, COURSE	71LDH	CZUBH	CZU	A
F4EDETECTOR BEARING, COURSE	71LDH	CZUBH	CZU	A
F4RCONVERTER, COURSE	71PLH	CZUBH	CZU	A
F4CDECODER, BEARING	71LDJ	CZUBJ	CZU	A
F4DDECODER, BEARING	71LDJ	CZUBJ	CZU	A
F4EDECODER, BEARING	71LDJ	CZUBJ	CZU	A
F4RBEARING COUPLER	71PLJ	CZUBJ	CZU	A
F4RBEARING COUPLER SUB-ASSY	71PLK	CZUBK	CZU	A
F4CDISCRIMINATOR, TIME	71LDL	CZUBL	CZU	A
F4DDISCRIMINATOR, TIME	71LDL	CZUBL	CZU	A
F4EDISCRIMINATOR, TIME	71LDL	CZUBL	CZU	A
F4RBEARING PLATE ASSEMBLY	71PLL	CZUBL	CZU	A
F4CDISTANCE SERVO AMP	71LDM	CZURM	CZU	A
F4DDISTANCE SERVO AMP	71LDM	CZUBM	CZU	A
F4EDISTANCE SERVO AMP	71LDM	CZUBM	CZU	A
F4RCOUPPLER, DISTANCE	71PLM	CZURM	CZU	A
F4CGENERATOR, PULSE	71LDN	CZURN	CZU	A
F4DGENERATOR, PULSE	71LDN	CZURN	CZU	A
F4EGENERATOR, PULSE	71LDN	CZURN	CZU	A
F4RCOUPPLER, DISTANCE SUB-ASSY	71PLN	CZURN	CZU	A
F4CRELAY UNIT	71LDP	CZUBP	CZU	A
F4DRELAY UNIT	71LDP	CZUBP	CZU	A
F4ERELAY UNIT	71LDP	CZUBP	CZU	A
F4RRELAY ASSY	71PLP	CZUBP	CZU	A
F4CCHASSIS ASSEMBLY	71LDQ	CZUBQ	CZU	A
F4DCHASSIS ASSEMBLY	71LDQ	CZUBQ	CZU	A
F4ECHASSIS ASSEMBLY	71LDQ	CZUBQ	CZU	A
F4RDECODER CHASSIS SUB-ASSY	71PLQ	CZUBQ	CZU	A
F4CCABLE ASSEMBLY, SP	71LDR	CZUBR	CZU	A
F4DCABLE ASSEMBLY, SP	71LDR	CZUBR	CZU	A
F4RHARNES, WIRE	71PLR	CZUBR	CZU	A
F4RDECODER SUB-ASSY 756-9446005	71PLS	CZUBS	CZU	A
F4RDECODER SUB-ASSY 756-9447005	71PLT	CZUBT	CZU	A
F4RAMPLIFIER, CONTROL	71PLU	CZUBU	CZU	A

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F4RDECODER,DISTANCE 71PLV CZUBV CZU A
F4CANTENNA,TACAN LOWER,ASQ 71L50 CZUC CZU A
F4DANTENNA,TACAN LOWER,ASQ 71L50 CZUC CZU A
F4EANTENNA,TACAN LOWER,ASQ 71L50 CZUC CZU A
F4RANTENNA,TACAN UPPER 71P40 CZUC CZU A
F4EANTENNA TACAN UPPER,ASQ 71L70 CZUD CZU A
F4RANTENNA,TACAN LOWER 71P50 CZUD CZU A
F4ESWITCH,TACAN COAXIAL 71L10 CZUE CZU A
F4RSWITCH,TACAN COAXIAL 71OEO CZUF CZU A
F4ETACAN ANTENNA SELECTOR ASSY 71LYO CZUF CZU A
F4KASSY,TACAN ANTENNA SELECTOR 71QOO CZUF CZU A
F4 PPI ATTEN CZZX CZA 001111100
F4 ATTENUATION CZZY CZA 001111100
F4 INFORMATION DISPLAY D AAAAAAAAAA
F4 ENGINE STATUS DA LBBDE 555555555
F4 ENGINE STATUS DA RBBDE 555555555
F4 ENG.RPM INFOEA OF 2 ENGK DAA DAAZZ 111111111
F4 ENGINE RPM INDICATION DAAA DAA AAAAAAAAAA
F4 TACHOMETER FWD CKPT 23918 DAABA DAAA 2
F4 TACHOMETER AFT CKPT 23918 DAABB DAAA 1
F4 RPM SIGNAL GENERATION DAAD DAA AAAAAAAAAA
F4 TACHOMETER GENERATOR 2391A DAADA DAAD A
F4 ATTENUATION DAAZZ DA 111111111
F4 EX.GAS.TEMP.INFO.EA OF 2 EN DAB DAAZZ 033333330
F4 EXH GAS TEMP INDICATION DABA DAB AAAAAAAAAA
F4 INDICATOR EXHAUST GAS TEMP 2392A DABAA DABA A
F4 EXH.GAS.TEMP.SENSING DABB DAB AAAAAAAAAA
F4 UPPER THERMOCUPLE HARNESS 2392C DABBA DABB A
F4 LOWER THERMOCUPLE HARNESS 2392D DABBB DABB A
F4 DC-AC CONVERSION DABD DAB DK 111111111
F4 POWER INVERTER STATIC 2392B DABDA DABD A
F4 NO1 MISC RELAY PNL ASSY 42110 DABDB DABD A
F4 EXHAUST NOZZLE POSITION DAC DA 1LB8BA 010000000
F4 EXHAUST NOZZLE POS IND DACA DAC 111111111
F4 INDICATOR, NOZZLE POSITION 2395A DACAA DAC A
F4 EXH NOZZLE POSITION SENSING DADB DAC AAAAAAAAAA
F4 TRANSMITTER NOZZLE POSITION 2395B DACBA DACB A
F4 ENG OIL PRESS INFORMATION DAD DA 1LB8SA 017777710
F4 ENGINE OIL PRESSURE IND DADA DAD AAAAAAAAAA
F4 INDICATOR OIL PRESSURE 2393B DADAA DADA A
F4 OIL PRESSURE XMSN DADB DAD AAAAAAAAAA
F4 TRANSMITTER, OIL PRESSURE 2393A DADBA DADB A
F4 FUEL FEED STATUS DAF DA AAAAAAAAAA
F4CBOOST PRESSURE DAFB DAF I BCB 011111100
F4DBOOST PRESSURE DAFB DAF I BCB 011111100
F4EBOOST PRESSURE DAFB DAF 1LB8B 011111100
F4RBOOST PRESSURE DAFB DAF 1LB8B 011111100
F4 FUEL FLOW INFORMATION DAFD DAF 1LB8DC 011111110
F4 BOOST PRESSURE INDICATION DAFQ DAFB AAAAAAAAAA
F4 PRESSURE INDICATOR BOOSTPUMP4642H DAFQA DAFQ A

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F4 BOOST PUMP PRESS XMSN DAFR DAFR AAAAAAAAAA
F4 PRESSURE XMTR BOOST PUMP 4642G DAFRA DAFR A
F4 FUEL FLOW INDICATION DAFS DAFR AAAAAAAAAA
F4 INDICATOR FUEL FLOW 23948 DAFSA DAFS A
F4 FUEL FLOW SIGNAL XMSN DAFI DAFR AAAAAAAAAA
F4 TRANSMITTER, FUEL FLOW 2394A DAFI DAFI A
F4 FILTER STATUS DAFV DAFV 000000000
F4 SWITCH, FILTER INDICATOR PRES 2361F DAFVA DAFV A
F4 RH VERT CAUT LITE PNL 4411A DAFVR DAFV A
F4 AERODYNAMIC INSTRUMENTATION DB D C11111130
F4 ALTITUDE INFORMATION DBA DB E 00A111AA0
F4 BAROMETRIC ALTITUDE DBAA DBA 000A1A110
F4 FWD COCKPIT ALTIMETER MC-3 511AG DBAAA DBAA 2
F4 AFT COCKPIT ALTIMETER MC-3 511AG DBAAB DBAA 1
F4 FWD COCKPIT ALTIMETER AAU70511AH DBAAC DBAA 2
F4 AFT COCKPIT ALTIMETER AAU70511AH DBAAD DBAA 1
F4 FWD COCKPIT ALTIMETER AAU19511AJ DBAAE DBAA 2
F4 AFT COCKPIT ALTIMETER AAU19511AJ DBAAF DBAA 1
F4 FWD COCKPIT ALTIMETER AAU19511AK DBAAG DBAA 2
F4 FWD COCKPIT ALTIMETER AAU19511AK DBAAG DBAA 2
F4 FWD COCKPIT ALTIMETER AAU19511AK DBAAG DBAA 2
F4 AFT COCKPIT ALTIMETER AAU19511AK DBAAH DBAA 1
F4 AFT COCKPIT ALTIMETER AAU19511AK DBAAH DBAA 1
F4 AFT COCKPIT ALTIMETER AAU19511AK DBAAH DBAA 1
F4 AFT COCKPIT ALTIMETER AAU19511AL DBAAJ DBAA 2
F4 FWD COCKPIT ALTIMETER AAU19511AL DBAAJ DBAA 2
F4 FWD COCKPIT ALTIMETER AAU19511AL DBAAJ DBAA 2
F4 AFT COCKPIT ALTIMETER AAU19511AL DBAAK DBAA 1
F4 AFT COCKPIT ALTIMETER AAU19511AL DBAAK DBAA 1
F4 AFT COCKPIT ALTIMETER AAU19511AL DBAAK DBAA 1
F4 HEIGHT INFORMATION DBA DBA 000010210
F4 HEIGHT INDICATOR ID-1090 723R0 DBABA DBAB 2
F4 HEIGHT INDICATOR ID-1090 723R0 DBABA DBAB 2
F4 HEIGHT INDICATOR ID-1090 723R0 DBABA DBAB 2
F4 HEIGHT IND ID-1162 724C0 DBABA DBAB 2
F4 HEIGHT IND ID-1162A 724H0 DBABB DBAB 2
F4 HEIGHT IND REAR ID-1162 724C0 DBARC DBAB 1
F4 HEIGHT IND ID-1162A REAR 724H0 DBABD DBAB 1
F4 ATTENUATION DBAZZ DB 111111111
F4 SPEED DISPLAYS DBR DBAZZ E 0A10101A0
F4 TRUE AIRSPEED INDICATION DBBA DBR DBR 051111110
F4 TRUE AIRSPEED INDICATOR FWD511AE DBBAA DBBA 2
F4 TRUE AIRSPEED INDICATOR AFT511AE DBBAB DBBA 1
F4 AIRSPEED AND MACH INDICATION DBBB DBB DBBA 222222222
F4 AIRSPEED/MACH INDICATOR FWD511AB DBBBA DBBB 2
F4 AIRSPEED/MACH INDICATOR AFT511AB DBBBB DBBB 1
F4 PITOT PRESS SENSE AND DIST DBBC DBBB AAAAAAAAAA
F4 PITOT PRESS SENSE AND DIST DBBC FBH AAAAAAAAAA
F4 PITOT PRESS SENSE AND DIST DBBC FSDBB AAAAAAAAAA
F4 PITOT PRESSURE INPUT DBBC UJCA AAAAAAAAAA

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 PITOT STATIC TURE 511CA DBBCA DBBC A
F4 AIR/TERRA COUPLING 511CF DBBCB DBBC A
F4 ROUND SPEED INDICATION DBBE DBB K UJH AAAAAAAAAA
F4 GROUND SPEED INDICATOR 718G6 DBBEA DBBE A
F4 G LOAD INDICATION DBB DBAZZ 000050000
F4 ACCELEROMETER FWD CKPT 511AA DBCA DBB 2
F4 ACCELEROMETER AFT CKPT 511AA DBCB DBB 1
F4 VERTICAL VELOCITY INDICATION DBD DBA 000000000
F4 VERTICAL VELOCITY IND FWD 511AD DBDA DBD 2
F4 VERTICAL VELOCITY IND AFT 511AD DBDB DBD 1
F4 ATTITUDE DISPLAYS AND WARN DBE DB E 0000000A0
F4 TURN AND SLIP INDICATION DBEA DBE K DBEF 0000000A0
F4 ATTITUDE DIRECTOR 7177C DBEABA DBEB A
F4 TURN AND SLIP IND FWD CKPT DBEB DBEA 555555555
F4 ATTITUDE REF INDICATOR 731HO DBEBA DBEB A
F4 ATTITUDE REF INDICATOR 731HO DBEBA DBEB A
F4 ATTITUDE REF INDICATOR 731HO DBEBA DBEB A
F4 ATTITUDE DIRECTOR INDICATOR 71840 DBEBB DBEB A
F4 TURN AND SLIP INDICATION AFT DBEC DBEA 000000000
F4 TURN AND SLIP INDICATOR 511AF DBECA DBEC A
F4 TURN RATE SENSING DBED DBEB AAAAAAAAAA
F4 RATE GYRO TRANSMITTER 71760 DBEDA DBED A
F4 RATE GYRO 731KA DBEDA DBED A
F4 RATE GYRO 731KA DBEDA DBED A
F4 RATE GYRO TRANSMITTER 731KO DBEDA DBED A
F4 CC MOTOR HOUSING ASSY 731KB DBEDB DBED A
F4 CC MOTOR HOUSING ASSY 731KB DBEDB DBED A
F4 LAMINATION ASSY 731KC DBEDC DBED A
F4 LAMINATION ASSY 731KC DBEDC DBED A
F4 INNER HOUSING 731KD DBEDD DBED A
F4 INNER HOUSING 731KD DBEDD DBED A
F4 MOTOR ASSY 731KE DBEDE DBED A
F4 MOTOR ASSY 731KE DBEDE DBED A
F4 ROLL AND PITCH INFORMATION DBEF DBE 000000080
F4 ATTITUDE DISPLAYS FWD CKPT DBEG DBEF 111111111
F4 PRIMARY ATTITUDE INDICATION DBEH DBEG DBEJ 111111111
F4 ATTITUDE DIRECTOR INDICATOR 7177C DBEHA DBEH A
F4 ATTITUDE REFERENCE INDICATOR 731HO DBEHA DBEH A
F4 ATTITUDE REFERENCE INDICATOR 731HO DBEHA DBEH A
F4 ATTITUDE REFERENCE INDICATOR 731HO DBEHA DBEH A
F4 ATTITUDE DIRECTOR INDICATOR 71840 DBEHB DBEH A
F4 STANDBY ATTITUDE INDICATION DBEJ DBEG K DBEH AAAAAAAAAA
F4 STANDBY VERTICAL INDICATOR 715A0 DBEJA DBEJ A
F4 STANDBY VERTICAL INDICATOR 732A0 DBEJA DBEJ A
F4 STANDBY VERTICAL INDICATOR 732A0 DBEJA DBEJ A
F4 STANDBY VERTICAL INDICATOR 732A0 DBEJA DBEJ A
F4 STBY ATT CKT PNL 71580 DBEJB DBEJ 1
F4 STBY ATT CKT PNL 73280 DBEJB DBEJ 1
F4 STBY ATT CKT PNL 73280 DBEJB DBEJ 1
F4 STBY ATT CKT PNL 73280 DBEJB DBEJ 1

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 ATTITUDE DISPLAY AFT CKPT DBEK DBEF 111111111
F4R REMOTE ATTITUDE INDICATOR 71810 DBEKA DBEK A
F4C REMOTE ATTITUDE INDICATOR 731N0 DBEKA DBEK A
F4D REMOTE ATTITUDE INDICATOR 731N0 DBEKA DBEK A
F4F REMOTE ATTITUDE INDICATOR 731N0 DBEKA DBEK A
F4 ANGLE OF ATTACK INFO DBF DB E 000000010
F4 ANGLE OF ATTACK INDICATION DBFA DBF S111111111
F4 ANGLE OF ATTACK INDICATION DBFA DBFB FAAAAAAAAAA
F4 ANGLE OF ATTACK INDICATION DBFA DBFC FAAAAAAAAAA
F4 ANGLE OF ATTACK IND FWD CPT513E0 DBFAA DBFA A
F4 ANGLE OF ATTACK IND AFT CPT513E0 DBFAB DBFA 1
F4 ANGLE OF ATTACK INDEX DISPLY DBFB DBF 000000000
F4 INDEX LIGHT ASSY 2EA FWD 513F0 DBFBA DBFB 1
F4 INDEX LIGHT ASSY 2EA AFT 513F0 DBFBB DBFB 0
F4 INDEX LIGHT RHEOSTAT FWD 513FA DBFBC DBFB 1
F4 INDEX LIGHT RHEOSTAT AFT 513FA DBFBD DBFB 0
F4 STALL ANGLE WARNING DBFC DBF 111111111
F4 STALL WARNING VIBRATOR 1442N DBFCA DBFC A
F4 STALL ANGLE AUDIO WARNING DBFD DBF 000000000
F4 AURAL TONE GENERATOR 513A0 DBFDA DBFD A
F4 CKT BOARD 1A0 513AA DBFDB DBFD A
F4 CKT BOARD 1A2 513AB DBFDC DBFD A
F4 KT BOARD 1A3 513AC DBFDD DBFD A
F4 CKT BOARD 1A4 513AD DBFDE DBFD A
F4 ATTACK ANGLE SENSING DBFF DBF SAAAAAAAAAA
F4 ATTACK ANGLE SENSING DBFF DBFA FAAAAAAAAAA
F4 ATTACK ANGLE SENSING DBFF DBFD FAAAAAAAAAA
F4 WARNING INFORMATION DC D AAAAAAAAAAA
F4 FIRE/00HEAT DCA DC X 777777777
F4 FIRE WARNING EACH OF 2 SYS DCAA DCA AAAAAAAAAAA
F4 FIRE WARNING LIGHT 4911B DCABA DCAA A
F4 CONTROL UNIT 4911A DCACA DCAA A
F4 RELAY 4911E DCACB DCAA A
F4 FLEXIBLE CONNECTOR 4911F DCACC DCAA A
F4 CONNECTOR 4911G DCACD DCAA A
F4 SECURITY CLIPS 4911H DCACE DCAA 1
F4 FIRE DETECTION TEST DCAD DCAA 000000000
F4 FIRE DETECTION TEST DCAD DCAF 000000000
F4 TEST SWITCH 4911C DCADA DCAD A
F4 FIRE SENSING DCAF DCAA AAAAAAAAAAA
F4 SENSING ELEMENTS 4911D DCAEA DCAE A
F4 OVERHEAT WARNING DCAF DCA 111111111
F4 OVERHEAT WARNING LIGHT 4912B DCAGA DCAF A
F4 CONTROL UNIT 4912A DCAHA DCAF A
F4 CONNECTOR 4912D DCAHB DCAF A
F4 OVERHEAT SENSING DCAJ DCAF AAAAAAAAAAA
F4 SENSING ELEMENT 4912C DCAJA DCAJ A
F4 WING FOLD DCB ARCFAP KLABCB 010000000
F4 WING FOLD WARNING LIGHT 1472A LUCBAA DCB 2
F4 WING FOLD WARNING LIGHT 1472A RDCBAA DCB 2

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1234567890123456789012345678901234567890123456789012345678901234567890			
F4 RH VERT CAUTION LITE PNL	4411A	DCMBB	DCMB A
F4 PRESSURE WARNING/PCII		DCMC	DDBB DDBE 11111111
F4 SWITCH-HYDRAULIC PRESSURE	4512E	DCMCA	DCMC A
F4 RH VERT CAUTION LITE PNL	4411A	DCMCB	DCMC A
F4APU HYD PRESS WARNING		DCME	DDB 000010010
F4APU HYD PRESS WARNING		DCME	DDB 000010010
F4E ENG CONTROL PNL	23960	DCMEA	DCME A
F4R ENG CONTROL PNL	23960	DCMEA	DCME A
F4E HYDRAULIC PRESSURE SWITCH	1436F	DCMEB	DCME A
F4E HYDRAULIC PRESSURE SWITCH	1436F	DCMEB	DCME A
F4 ANTI ICE STATUS(EA OF 2 ENG)		DCN	DA 1LEJF 000111000
F4 RH VERT CAUTION LITE PNL	4411A	DCNA	DCN 3
F4 MASTER CAUTION LITE FWD	4411G	DCNB	DCN 1
F4 MASTER CAUTION LITE AST	4412G	DCNC	DCN 1
F4 PRESS INDICATING SWITCH	2397C	DCND	DCN A
F4 DUCT TEMP HIGH		DCP	DA 1LBMB 11111111
F4 RH VERT CAUTION LITE PNL	4411A	DCPA	DCP A
F4 CABIN TURBINE OVERSPEED		DCR	EAAD 1 EAAF 11111111
F4 RH VERT CAUTION LITE PNL	4411A	DCRA	DCR A
F4 AFCS FAILURE WARNING		DCS	FAF 000101000
F4 AFCS FAILURE WARNING		DCS	FBD 000000000
F4 AFCS FAILURE WARNING		DCS	FCN 000101000
F4 RH VERT CAUTION LITE PANFL	4411A	DCSA	DCS 2
F4 MASTER CAUTION LITE FWD CPT	4411G	DCSB	DCS 1
F4 MASTER CAUTION LITE ATT CPT	4412G	DCSC	DCS 1
F4 MISCELLANEOUS RELAY PNL NO 1	42110	DCSD	DCS A
F4 PITCH AUG FAIL WARNING		DCT	FAF 010000010
F4 STAB AUG OFF WARNING LIGHT	5214A	DCTA	DCT 2
F4 MASTER CAUTION LITE FWD CPT	4411G	DCTB	DCT 1
F4 MASTER CAUTION LITE AFT CPT	4412G	DCTC	DCT 1
F4 MISCELLANEOUS RELAY PNL NO 1	42110	DCTD	DCT A
F4 PITCH TRIM INFORMATION		DCU	FAF 1 FAE 001111100
F4 AUTO PITCH TRIM OFF WARNING		DCUA	DCU 222222222
F4 AUTO PITCH TRIM WARNG LITE	52130	DCUAA	DCU A
F4 MISC REPLY PNL NO3	42130	DCUAB	DCU A
F4 STAB FORCE LINK SWITCH	1433M	DCUAL	DCUA A
F4 PITCH TRIM INDICATION		DCUB	DCU 111111111
F4 STAR TRIM POSITION INDICATR	1433C	DCUBA	DCUB A
F4 INERTIAL NAV SYS OUT		DCW	CZL 1 CZR 111111111
F4R INS LIGHT PILOT	71G9A	DCWA	DCW 2
F4D INS LIGHT ASSY PILOT	71H7A	DCWA	DCW 2
F4E INS LIGHT PILOT	71H7A	DCWA	DCW 2
F4C LIGHT ASSY PILOT	71E7A	DCWAA	DCW 2
F4R INS LIGHT RADAR PILOT	71G9B	DCWB	DCW 1
F4D INS LIGHT ASSY RADAR PILOT	71H7B	DCWB	DCW 1
F4E INS LIGHT RADAR PILOT	71H7B	DCWB	DCW 1
F4C LIGHT ASSY RADAR PILOT	71E7B	DCWBA	DCW 1
F4 AIR REFUEL STATUS		DCY	BCWX 111111111
F4 AIR REFUEL READY LITE	9944G	DCYA	DCY 3
F4 REFUEL DISENGAGE LITE	9944H	DCYB	DCY 3

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0000000001111111112222222222333333333344444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 SYSTEMS STATUS UD D OAAAAAAAAA
F4 OXYGEN QUANTITY STATUS ODA FDAA 11111111
F4 OXYGEN QUANTITY STATUS ODA FDAA 11111111
F4 LOX QTY INDICATION-PILOT ODA SAAAAAAAAA
F4 LOX QTY INDICATION-PILOT ODA DBA FAAAAAAAAA
F4 LOX QTY INDICATION-PILOT ODA DAC FAAAAAAAAA
F4 INDICATOR, LIQUID OXYGEN QTY 47210 ODA A
F4 LOX QTY LOW LEVEL WARNING ODA 11111111
F4 WARNING L-GHT OXYGEN LOW 4721R ODA A
F4 LOX QTY IND -PAUAR PILOT ODA 11111111
F4 INDICATOR, LIQUID OXYGEN QTY 47210 ODA A
F4 LOX QTY TEST ODA OOOOOOOO
F4 WARN LT TEST SW 4721R ODA A
F4 LOX QTY SENSING ODA AAAAAAAAAA
F4 PROBE, CAPACITANCE 471AG ODA A
F4 PILOT EMERG OXYGEN STATUS ODA 33333333
F4 EMERG OXYGEN GAGE 91241 ODA A
F4 RDR PILOT EMERG OXG STATUS ODA 11111111
F4 EMERG OXYGEN GAGE 91241 ODA A
F4 HYDRAULIC PRESSURE STATUS DB O 01111110
F4 PC1 HYD PRESSURE INFORMATION DBA DB I UAB 11111111
F4 PC2 HYD PRESS INFORMATION DBB DB I UBB 11111111
F4 UTILITY HYD PRESS INFORMAT DBB DB I UCB 11111111
F4 PC1 HYD PRESS INDICATION DBB DB DCMB 11111111
F4 INDICATOR, HYDRAULIC PRESS PC1 4511M DBB A
F4 TRANSMITTER, HYDRAULIC PRESS 4511N DBB A
F4 SNUBBER 9944X DBB A
F4 HYDRAULIC FUSE 4511D DBB A
F4 PC-II HYD PRESS INDICATION DBB DCMC 11111111
F4 INDICATOR, HYDRAULIC PRESS 4512J DBB A
F4 INDICATOR, HYDRAULIC PRESS 4512J DBB A
F4 INDICATOR, HYDRAULIC PRESS 4512J DBB A
F4 INDICATOR, HYDRAULIC PRESS 9914Z DBB A
F4 TRANSMITTER, HYDRAULIC PRESS 4512K DBB A
F4 SNUBBER 9945Y DBB A
F4 HYD FUSE 4512N DBB A
F4 UTILITY HYD PRESS INDICATION DBB DCMC 11111111
F4 INDICATOR-HYD PRESS-UTILITY 4513N DBB A
F4 TRANSMITTER, HYD PRESS 4513P DBB A
F4 SNUBBER 9945Z DBB A
F4 HYD FUSE 4513W DBB A
F4 PNEUMATIC PRESSURE STATUS DBB I UEC OOOOOOOO
F4 INDICATOR, PNEU PRESS CKPT 4521L DBB A
F4 TRANSMITTER PNEU PRESS 4521M DBB A
F4 CABIN PRESSURE INFORMATION DBB FAAD 11111111
F4 CABIN PRESSURE INDICATE FWD ODA DBB 55555555
F4 INDICATOR, CABIN PRESSURE 4121G ODA A
F4 CABIN PRESSURE INDICATE AFT ODA 11111111
F4 INDICATOR CABIN PRESSURE 4121G ODA A
F4 ELECTRICAL STATUS DBB DD 11111111

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00000000111111112222222233333333444444445555555566666666777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 ELECTRICAL STATUS DDE UDC 1 UF 11111111
F4 ELECTRICAL STATUS DDF UDC 1 UF 11111111
F4 ELECTRICAL STATUS DDE UDC 1 UF 11111111
F4 ELECTRICAL STATUS LH GEN. LDDEA DDE 22222222
F4 ELECTRICAL STATUS RH GEN RDDEA DDE 22222222
F4 GENERATOR CONTROL PANEL 4221A LDDEAA LDDEA 2
F4 GENERATOR CONTROL PANEL 4221A RDDEAA RDDEA 2
F4 MASTER CAUTION LIGHT FWD 4411G LDDEAB LDDEA 1
F4 MASTER CAUTION LIGHT FWD 4411G RDDEAB RDDEA 1
F4 MASTER CAUTION LIGHT AFT 4412G LDDEAC LDDEA 1
F4 MASTER CAUTION LIGHT AFT 4412G RDDEAC RDDEA 1
F4 ELECTRICAL STATUS BUS TIE DDEB DDE 22222222
F4 GENERATOR CONTROL PANEL 4221A DDEBA DDEB 2
F4 MASTER CAUTION LIGHT FWD 4411G DDEBB DDEB 1
F4 MASTER CAUTION LIGHT AFT 4412G DDEBC DDEB 1
F4 FUEL STATUS DDF DD 000111000
F4 FUEL QUANTITY INDICATION DDF DD 11111111
F4 FUSE TANKS 2 THRU 6 SENSING DDF DD AAAAAAAA
F4 INDICATOR, FUEL QUANTITY 4642D DDFDA DDF A
F4 JUNCTION BOX 4642Q DDFDD DDF A
F4 CONNECTORS B WIRING 4642R DDFDE DDF A
F4 FUSELAGE FEED TANK SENSING DDFE DDF AAAAAAAA
F4 FUEL TANK QTY UNIT UPPER NO1 4642A DDFEA DDF A
F4 FUEL QTY UNIT LOWER NO 1 4642B DDFEB DDF A
F4 FUS TANK UNIT, NO2 FUEL QTY 4642K DDFEC DDF A
F4 FUS TANK UNIT, NO3 FUEL QTY 4642L DDFED DDF A
F4 FUS TANK UNIT, NO4 FUEL QTY 4642M DDFEE DDF A
F4 FUS TANK UNIT NO5 FUEL QTY 4642N DDFEF DDF A
F4 FUS TANK UNIT NO6 FUEL QTY 4642P DDFEG DDF A
F4 WING TANK SENSING DDFD DDF 22222222
F4 FUEL QTY UNIT WING TANKS 6EA 4642C DDFFA DDF 2
F4 FEED QUANTITY CHECK DDFH DDF 00000000
F4 FUEL LEVEL CONT CK SW PNL 4641B DDFHA DDF A
F4 SIMULATOR, FUEL QUANTITY 4642J DDFHC DDF A
F4 LOW LIGHT WARNING INDICATOR DDF 1 BCJ 01111110
F4 WARNING LITE LOW LEVEL 4643C DDFNA DDF 2
F4 MASTER CAUTION LITE FWD 4411G DDFNB DDF 1
F4 MASTER CAUTION LITE AFT 4412G DDFNC DDF 1
F4 FUEL LEVEL SENSE AND CONTROL DDFP BCQ 11111111
F4 FUEL LEVEL SENSE AND CONTROL DDFP DDF AAAAAAAA
F4 SWITCH FUEL LOW LEVEL SENSOR 4643B DDFPA DDF A
F4 CONTROL UNIT FUEL LOW LEVEL 4643A DDFPB DDF A
F4 FUEL RELAY PANEL 4641F DDFPC DDF 2
F4 EXTERNAL TANKS FULL DISPLAY DDFY BCWX 33333333
F4 LEFT EXT TANK FULL IND LDDFY DDFY 001111000
F4 RIGHT EXT TANK FULL IND RDDFY DDFY 001111000
F4 FUEL TANK EXTERNAL WING LH 4623B LDDFYA LDDFY A
F4 FUEL TANK EXTERNAL WING RH 4623C RDDFYA RDDFY A
F4 CENTER EXT TANK FULL IND DDFZ DDFY 001111000
F4 FUEL TANK CENTER LINE 4623A DDFZA DDFZ A

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 EXTERNAL FUEL TRANSFER DDGA DDF 000000000
F4 RH VERT CAUTION LITE PANEL 4411A DDGAA DDGA A
F4 LEFT EXTERNAL FUEL TRANSFER LDDGB DDGA 222222222
F4 RIGHT EXTERNAL FUEL TRANSFER RDDGB DDGA 222222222
F4 WING TANK FLOW SWITCH LH 4644B LDDGBA LDDGB A
F4 WING TANK FLOW SWITCH RH 4644B RDDGBA RDDGB A
F4 CENTER EXTERNAL FUEL TRANS DDGC DDGA 222222222
F4 C/L TANK FLOW SWITCH 4644C DDGCA DDGC A
F4 MAINTENANCE STATUS INFO DE D 000000000
F4 EMERGENCY CANOPY PRESSURE IND DEA DE 000000000
F4 BOTTLE PNEUMATIC 1234C DEAAA DEA A
F4 PNEUMATIC BOTTLE EMERGENCY 1237C DEABA DEA A
F4 EMERGENCY FLAP PRESS IND DEB DF AAAAAA
F4 AIR STORAGE BOTTLE 1456B DEBAA DEB A
F4 RAM AIR TURBINE PRESS IND DFC DF 000000000
F4 RAM AIR TURBINE PRESS IND DEC DE 000000000
F4 RAM AIR TURBINE PRESS IND DFC DF 000000000
F4 GAGE, AIR PRESS, RAM AIR TURB 4532P DECAA DFC A
F4 GAGE, AIR PRESS, RAM AIR TURB 4532P DECAA DFC A
F4 GAGE, AIR PRESS, RAM AIR TURB 4532P DECAA DFC A
F4 MAIN PNEU SYS MAN PRESS DED DE 000000000
F4 GAGE AIR PRESS MAIN SYS MAN 4521K DEDAA DED A
F4 EMERG LANDING GEAR PRESS IND DEE DE 000000000
F4 GAGE, AIR PRESSURE 1315D DEFAA DEE A
F4 WHEEL BRAKE ACCUM PRESS IND DEF DE 000000000
F4 BOTTLE EMERGENCY AIR 1342D DEFAA DEF A
F4 UTILITY SYS ACCUM PRESS IND DEG DE 000000000
F4 GAGE, ACCUMULATOR AIR PRESS 4513E DEGAA DEG A
F4 PCI SYSTEM ACCUMULATOR PRESS DEH DE 000000000
F4 GAGE, ACCUMULATOR AIR PRESS 4511D DEHAA DEH A
F4 PCI SYSTEM ACCUMULATOR PRESS DEJ DE 000000000
F4 GAGE, ACCUMULATOR AIR PRESS 4512D DEJAA DEJ A
F4 HYD SYS RESERVOIR FLUID LE DEK DE 000000000
F4 HYDRAULIC RESERVOIR 4511A DEKA DEK A
F4 MAIN GEAR SHOCK STRUT PRESS DEL DE 000000000
F4 GAGE, AIR PRESSURE 1321N DELLAA DEL A
F4 GAGE, AIR PRESSURE 1322N DELBA DEL A
F4 ARREST GEAR ACT PRESS INFO DEM DE 000000000
F4 GAGE, PRESSURE 1351J DEMAA DEM A
F4 FUEL TRANSFER PUMP STATUS DEN DE 000000000
F4 ELECT FUEL XFR INDICATION DENA DEN AAAAAA
F4 TRANSFER PUMP CHECK SW PNL 4641F DENAA DENA A
F4 NO4 HYDRAULIC FUEL XFR IND DENB DEN AAAAAA
F4 TRANSFER PUMP CHECK SW PNL 4641F DENBA DENB A
F4 NO5 HYDRAULIC FUEL XFR IND DENC DEN AAAAAA
F4 TRANSFER PUMP CHECK SW PNL 4641F DENCA DENC A
F4 ELEC FUEL XFR SENSOR DEND DENA AAAAAA
F4 PRES SW ELEC DRIVE XFR PUMP 4614G DENDA DEND A
F4 NO4 HYD FUEL XFR SENSING DENE DENB AAAAAA
F4 PRES SW HYD DRIVE XFR PUMP 4614F DENE DENE A

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 NO6 HYD FUEL XFR SENSOR DENF DENC AAAAAAAAAA
F4 PRES SW HYD DRIVE XFR PUMP 4614F DENFA DENF A
F4 FLOAT LEVEL CONTROL DENG DEN AAAAAAAAAA
F4 NO1 XFER LVL CONT VALVE 4614H DENG DENG A
F4 NO2 XFER LVL CONT VALVE 4614K DENG DENG A
F4 DIST. ESSENTIAL 28VDC BUS DF DABD AAAAAAAAAA
F4 DIST. ESSENTIAL 28VDC BUS DF DAC AAAAAAAAAA
F4 DIST ESS 28VDC BUS DF DBF SAAAAAAAAA
F4 DIST ESSENTIAL 28VDC BUS DF DEFA FAAAAAAAAA
F4 DIST ESS 28VDC BUS DF DBFC FAAAAAAAAA
F4 DIST ESS 28VDC BUS DF DBFD FAAAAAAAAA
F4 DIST ESSENTIAL 28VDC BUS DF DCY AAAAAAAAAA
F4 DIST ESSENTIAL 28VDC BUS DF DDFA AAAAAAAAAA
F4 DIST ESSENTIAL 28VDC BUS DF DDGA AAAAAAAAAA
F4 DIST ESSENTIAL 28VDC BUS DF DEN AAAAAAAAAA
F4 DIST LEFT MAIN 28VDC BUS DG DBEC AAAAAAAAAA
F4 DIST LEFT MAIN 28VDC BUS DG DBEC AAAAAAAAAA
F4 DIST LEFT MAIN 28VDC BUS DG DBEC AAAAAAAAAA
F4 MAIN 28VDC BUS DGE DRAB AAAAAAAAAA
F4 DIST MAIN 28VDC BUS DGE DBEC AAAAAAAAAA
F4 DIST INSTRUMENT 28VAC BUS DH DAD AAAAAAAAAA
F4 DIST INSTRUMENT 28VAC BUS DH DAFB AAAAAAAAAA
F4 DIST INSTRUMENT 28VAC BUS DH DAFC AAAAAAAAAA
F4 DIST 28VAC INST BUS DH DBBA AAAAAAAAAA
F4 DIST INSTRUMENT 28VAC BUS DH DBED AAAAAAAAAA
F4 DIST INST 28VAC BUS DH DBFB AAAAAAAAAA
F4 DIST INSTRUMENT 28VAC BUS DH DDR S11111111
F4 DIST INSTRUMENT 28VAC BUS DH DDBU FAAAAAAAAA
F4 DIST INSTRUMENT 28VAC BUS DH DDBF FAAAAAAAAA
F4 DIST INSTRUMENT 28VAC BUS DH DDBF FAAAAAAAAA
F4 DIST INSTRUMENT 28VAC BUS DH DDC AAAAAAAAAA
F4 INST 28VAC BUS DH DZL AAAAAAAAAA
F4 RH 28VDC BUS DJ DBAB AAAAAAAAAA
F4 RH 28VDC BUS DJ DBAB AAAAAAAAAA
F4 RH 28VDC BUS DJ DZL AAAAAAAAAA
F4 DIST ESSENTIAL 115/200VACBUS DK DAB K DABD AAAAAAAAAA
F4 115V AC ESSENT DK DCA SAAAAAAAAA
F4 DIST ESSENTIAL 115/200VACBUS DK DCAA FAAAAAAAAA
F4 DIST ESSENTIAL 115/200VACBUS DK DCAF FAAAAAAAAA
F4 DIST ESSENTIAL 115VAC BUS DK DUFA AAAAAAAAAA
F4 DIST ESSENTIAL 115VAC BUS DK DDFA AAAAAAAAAA
F4 DIST ESSENTIAL 115VAC BUS DK DDFA AAAAAAAAAA
F4 DIST INSTRUMENT 115VAC BUS DK DBED AAAAAAAAAA
F4 DIST 115VAC INST BUS DKA DBEJ AAAAAAAAAA
F4 RH 115VAC BUS DL DBAB AAAAAAAAAA
F4 RH 115VAC BUS DL DBAB AAAAAAAAAA
F4 RH 115VAC BUS DL DBAB AAAAAAAAAA
F4 DIST RT MAIN 115/200VAC BUS DL DDAA AAAAAAAAAA
F4 DIST RH 115VAC BUS DL DDFA AAAAAAAAAA
F4 RH 115VAC BUS DL DZL AAAAAAAAAA

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12345678901234567890123456789012345678901234567890123456789012345678901234567890

F40BALANCED MIXER	723AC	DZLAAC	DZL	A
F4EBALANCED MIXER	723AC	DZLAAC	DZL	A
F4RAMPLIFIER	724AC	DZLAAC	DZL	A
F4CPower SUPPLY NO.1	723AD	DZLAAD	DZL	A
F4DPower SUPPLY NO.1	723AD	DZLAAD	DZL	A
F4EPower SUPPLY NO.1	723AD	DZLAAD	DZL	A
F4K SYNCHRO/SW	724AD	DZLAAD	DZL	A
F4CPower SUPPLY NO.2	723AE	DZLAAE	DZL	A
F4DPower SUPPLY NO.2	723AE	DZLAAE	DZL	A
F4EPower SUPPLY NO.2	723AE	DZLAAE	DZL	A
F4RSYNCHRO AND SW 59X211007	724AE	DZLAAE	DZL	A
F40SEARCH GENERATOR	723AF	DZLAAF	DZL	A
F40SEARCH GENERATOR	723AF	DZLAAF	DZL	A
F40SEARCH GENERATOR	723AF	DZLAAF	DZL	A
F4RCKT BRD ASSY 84X210508	724AF	DZLAAF	DZL	A
F40SQUELCH AMP AND DETECTOR	723AG	DZLAAG	DZL	A
F40SQUELCH AMP AND DETECTOR	723AG	DZLAAG	DZL	A
F40SQUELCH AMP AND DETECTOR	723AG	DZLAAG	DZL	A
F4RCKT BRD ASSY 84X210468	724AG	DZLAAG	DZL	A
F40SPEED CNTRL CNTR/SEARCH GEN	723AH	DZLAAH	DZL	A
F40SPEED CNTRL CNTR/SEARCH GEN	723AH	DZLAAH	DZL	A
F40SPEED CNTRL CNTR/SEARCH GEN	723AH	DZLAAH	DZL	A
F4RCKT BRD ASSY 84X210444	724AH	DZLAAH	DZL	A
F40IND CNTR/THRESHOLD DETECTOR	723AJ	DZLAAJ	DZL	A
F40IND CNTR/THRESHOLD DETECTOR	723AJ	DZLAAJ	DZL	A
F40IND CNTR/THRESHOLD DETECTOR	723AJ	DZLAAJ	DZL	A
F4RCKT BRD ASSY 84X210503	724AJ	DZLAAJ	DZL	A
F40MODULATOR NO.1	723AK	DZLAAK	DZL	A
F40MODULATOR NO.1	723AK	DZLAAK	DZL	A
F40MODULATOR NO.1	723AK	DZLAAK	DZL	A
F4RCKT BRD ASSY 84X210461	724AK	DZLAAK	DZL	A
F40MODULATOR NO.2	723AL	DZLAAL	DZL	A
F40MODULATOR NO.2	723AL	DZLAAL	DZL	A
F40MODULATOR NO.2	723AL	DZLAAL	DZL	A
F4RCKT BRD ASSY 84X210435	724AL	DZLAAL	DZL	A
F40SWITCHING LOGIC/SQUELCH AMP	723AM	DZLAAM	DZL	A
F40SWITCHING LOGIC/SQUELCH AMP	723AM	DZLAAM	DZL	A
F40SWITCHING LOGIC/SQUELCH AMP	723AM	DZLAAM	DZL	A
F4RCKT BRD ASSY 84X210437	724AM	DZLAAM	DZL	A
F40INDICATOR CNTR	723AN	DZLAAN	DZL	A
F40INDICATOR CNTR	723AN	DZLAAN	DZL	A
F40INDICATOR CNTR	723AN	DZLAAN	DZL	A
F4RCKT BRD ASSY 84X210441	724AN	DZLAAN	DZL	A
F40Power SUPPLY NO.3	723AP	DZLAAP	DZL	A
F40Power SUPPLY NO.3	723AP	DZLAAP	DZL	A
F40Power SUPPLY NO.3	723AP	DZLAAP	DZL	A
F4RCKT BRD ASSY 84X210454	724AP	DZLAAP	DZL	A
F40VARIABLE CAPACITY OSC.	723AQ	DZLAAQ	DZL	A
F40VARIABLE CAPACITY OSC.	723AQ	DZLAAQ	DZL	A
F40VARIABLE CAPACITY OSC.	723AQ	DZLAAQ	DZL	A

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F4RSRVO SHAFT ASSY 01X210984	724AQ	DZLAAQ	DZL	A
F4PTRNS-MOD 01X21073H	724AR	DZLAAR	DZL	A
F4CMODULATOR GVEN	723AS	DZLAAS	DZL	A
F4MODULATOR GVEN	723AS	DZLAAS	DZL	A
F4MODULATOR GVEN	723AS	DZLAAS	DZL	A
F4RINTER-RACE ASSY 01X210553	724AS	DZLAAS	DZL	A
F4RPOWER SUPPLY PP-3869	724B0	DZLAB	DZL	A
F4CANTENNA,RCVR AS-1386	723C0	DZLAC	DZL	A
F4DANTENNA,RCVR AS-1386	723C0	DZLAC	DZL	A
F4EANTENNA,RCVR AS-1386	723C0	DZLAC	DZL	A
F4CANTENNA,TRANS AS-1442	723D0	DZLAD	DZL	A
F4DANTENNA,TRANS AS-1442	723D0	DZLAD	DZL	A
F4EANTENNA,TRANS AS-1442	723D0	DZLAD	DZL	A
F4RANTENNA,XMTR AS-1521	724D0	DZLAD	DZL	A
F4RANTENNA REC AS-1522	724F0	DZLAE	DZL	A
F4RREC-XMTR RT-708A	724F0	DZLAF	DZL	A
F4RCKT BRD 3A1	724FA	DZLAFA	DZL	A
F4RCKT BRD 3A2	724FB	DZLAFB	DZL	A
F4RCKT BRD 3A3	724FC	DZLAFC	DZL	A
F4RCKT BRD 3A4	724FD	DZLAFD	DZL	A
F4RCKT BRD 3A5	724FE	DZLAFE	DZL	A
F4RCKT BRD 3A6	724FF	DZLAFF	DZL	A
F4RCKT BRD 3AM	724FG	DZLAFG	DZL	A
F4RCKT BRD 3A8	724FH	DZLAFH	DZL	A
F4RCKT BRD 3A9	724FJ	DZLAFJ	DZL	A
F4RCKT BRD 3A9A1	724FK	DZLAFK	DZL	A
F4RSRVO SHAFT ASSY 3A10	724FL	DZLAFL	DZL	A
F4PIF AMP 3A11	724FM	DZLAFM	DZL	A
F4PAUTO CAL ASSY 3A12	724FN	DZLAFN	DZL	A
F4RREC ASSY 3A13	724FP	DZLAFP	DZL	A
F4RCKT BRD ASSY 3A13A1	724FQ	DZLAFQ	DZL	A
F4RDIODE SW ASSY 3A13A2	724FR	DZLAFR	DZL	A
F4RTRANS ASSY 3A14	724FS	DZLAFS	DZL	A
F4RMODULATOR ASSY 3A14A1	724FT	DZLAFT	DZL	A
F4RINTER-RACE ASSY 3A15	724FU	DZLAFU	DZL	A
F4RPOWER SUPPLY PP 3869A	724G0	DZLAG	DZL	A
F4RCKT BRD ASSY 4A1	724GA	DZLAGA	DZL	A
F4RMOUNTING PLATE ASSY 5A1	724HA	DZLAHA	DZL	A
F4RCOMPONENT BRD ASSY 5A1A1	724HB	DZLAHB	DZL	A
F4RFRONT PLATE ASSY 5A2	724HC	DZLAHC	DZL	1
F4RFRONT FLAG ASSY 5A3	724HD	DZLAHD	DZL	1
F4RDIAL ASSY 5A4	724HE	DZLAHE	DZL	A
F4 ENVIRONMENT	E			AAAAAAAAA
F4 CABIN AIR CONDITION : PRESS	EA	E7		CA1232150
F4 CABIN ENVIRONMENT	EAA	EA		002323200
F4 CONTROLLED PRESSURIZATION	EAAA	EAA	EAAD	003444300
F4 VALVE, CABIN AIR OUTLET	4111C	EAAAA		A
F4 PRESSURE REGULATION		EAAH		AAAAAAAAA
F4 VALVE PNEUMATIC DUMP	4121A	EABAB	EABH	1
F4 CHECK VALVE	4121D	EABBR	EABH	1

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 VALVE, CABIN PRESSURE SAFETY 4121E EAABC EAAB 1
F4 REGULATOR, CABIN PRESSURE 4121F EAARD EAAB 9
F4 CONDITIONED AIR MIX AND DIST EAAC EAA S888836888
F4 CONDITIONED AIR MIXING/DIST EAAC EAAA FAAAAAAAAA
F4 CONDITIONED AIR MIXING/DIST EAAC EAB FAAAAAAAAA
F4 CONDITIONED AIR MIXING/DIST EAAC EAC FAAAAAAAAA
F4 CONDITIONED AIR MIXING/DIST EAAC EAD AAAAAAAAAA
F4 DUCTS, AIR DISTRIBUTION 4111D EAACA EAAC 2
F4 VALVE CABIN DUAL TEMP MIX 4112E EAACR EAAC 2
F4 EMERGENCY PRESSUREIZATION EAAD EAA K EAAA AAAAAAAAAA
F4 VALVE, EMERGENCY VENT AIR IN 4121B EAADA EAAD A
F4 CONTROL EMERGENCY VENT KNOR 4121C EAADB EAAD 1
F4 TEMPERATURE CONTROL EAAE FAAC AAAAAAAAAA
F4 SENSOR CABIN TEMPERATURE 4111B EAAEA EAAE 5
F4 PANEL TEMP CONTROL PILOTAS 4111H EAAEB EAAE 5
F4 LIMITER, CABIN TEMPERATURE 4112A EAAEC EAAE 2
F4 AMPLIFIER 4111M EAAED EAAE 5
F4 COOLING AIR EAAF DCR FAAAAAAAAA
F4 COOLING AIR EAAF EAAC AAAAAAAAAA
F4 TURBINE COOLING XTOLK 4112B EAafa EAAF A
F4 SWITCH, TURBINE OVERSPD PRES 4112C EAafb DCR A
F4 MOISTURE SEPARATOR 4112N EAafc EAAF 1
F4 ANTI-ICING VALVE 4112P EAafd EAAF 2
F4 ANTI-ICING CONTROLLER 4112Q EAafe EAAF 2
F4 LAG CHAMBER 4112K EAaff EAAF 1
F4 DUCT 32-831628 4112T EAafg EAAF 2
F4 MAIN HEAT EXCHANGER EAAG EAAF AAAAAAAAAA
F4 MAIN HEAT EXCHANGE EAAG ELA AAAAAAAAAA
F4 PURGE AIR EAAG MGR AAAAAAAAAA
F4 HEAT EXCHANGER MAIN 4112D EAAGA EAAG 5
F4 VALVE, EJECT GND COOL SHUTOFF 4112G EAAGB EAAG C
F4 AIR OUTLET DUCT 4112H EAAGC EAAG 1
F4 RAM AIR DISTRIBUTION EAah EAAD FAAAAAAAAA
F4 RAM AIR DISTRIBUTION EAah EAAG AAAAAAAAAA
F4 SCOOP RAM AIR INLET R-H 4111U EAaha EAah A
F4 DIFFUSER, RAM AIR INLET 4111V EAahr EAah A
F4 B/A REGULATION : DISTRIBUTE EAAJ EAAC AAAAAAAAAA
F4 B/A REGULATION : DISTRIBUTE EAAJ EAAG FAAAAAAAAA
F4 REGULATION DISTRIBUTION EAAJ FLA AAAAAAAAAA
F4 VALVE B/A SHTOFF PRESS REG 4112M EAAJA EAAJ 5
F4 DUCTS 4123A EAAJR EAAJ 2
F4 DUCT, KEFL 4123C EAAJC EAAJ 2
F4 COUPLINGS 4123F EAAJD EAAJ 4
F4 MANIFOLD, ENGINE BLEED AIR 4123G EAAJE EAAJ 2
F4 CHECK-VALVE, BLEED AIR 4123H EAAJF EAAJ 2
F4 BLANKETS : INSULATION 4123J EAAJG EAAJ 1
F4 BLEED AIR CK VALVE GASKET 4123L EAAJH EAAJ 1
F4 MANIFOLD SUPPORT ASSY 4123M EAAJJ EAAJ 0
F4 TEMPERATURE MODE SELECT EAAK EAAE AAAAAAAAAA
F4 CONTROL LEVER CABIN AIR 41112 EAAKA EAAK 5

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FLIGHT SAFETY PREDICTION TECHNIQUE

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FLIGHT SAFETY PREDICTION TECHNIQUE

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4R TEMPERATURE ANTICIPATOR 4115G EBFX ERX 2
F4 RADIO RCVR/XMTR AIR ECG CT 111111111
F4 AIR DATA COMPUTER AIR ECJ UJG AAAAAAAAAA
F4 AIR FILTER 4115A ECJA ECJ 1
F4 CADC TEST FITTING 9941X ECJB ECJ 2
F4 WATER TRAP 9941W ECJC ECJ 2
F4 ANTI G SYSTEM AIR ECK EF SC00020000
F4 ANTI G SYSTEM AIR ECK EFA FAAAAAAAAA
F4 ANTI G SYSTEM AIR ECK EFD FAAAAAAAAA
F4C RADAR REC/TR AIR ECL MOCJ AAAAAAAAAA
F4D RADAR REC/TR AIR ECL MOCJ AAAAAAAAAA
F4E RADAR REC/TR AIR ECL MOCJ AAAAAAAAAA
F4CAZ EL RANGE IND AIR ECN MOCJ 111111111
F4BAZ EL RANGE IND AIR ECN MOCJ 111111111
F4PMODULATOR AMPL AIR ECN MR 111111111
F4 REGULATED AIR DISTRIBUTION ECQ ECG AAAAAAAAAA
F4C REGULATED AIR DISTRIBUTION ECQ ECL AAAAAAAAAA
F4D REGULATED AIR DISTRIBUTION ECQ ECL AAAAAAAAAA
F4E REGULATED AIR DISTRIBUTION ECQ ECL AAAAAFAAA
F4C REGULATED AIR DISTRIBUTION ECQ ECN AAAAAAAAAA
F4D REGULATED AIR DISTRIBUTION ECQ ECN AAAAAAAAAA
F4E REGULATED AIR DISTRIBUTION ECQ ECN AAAAAAAAAA
F4C AIR FILTER 4115A ECQA ECQ 1
F4 REGULATOR, ABSOLUTE PRESSURE 4115B ECQB ECQ A
F4 VALVE, ABSOLUTE PRESSURE RLF 4115C ECQC ECQ 5
F4 CHECK VALVE 4115D ECQD ECQ 1
F4C FLOW RESTRICTOR VALVE 2FA 9941Z ECQEX ECQ 2
F4D FLOW RESTRICTOR VALVE 2FA 9941Z ECQEX ECQ 2
F4E FLOW RESTRICTOR VALVE 2FA 4115T ECQEZ ECQ 2
F4C FLOW RESTRICTOR VALVE 2FA 4115T ECQFZ ECQ 2
F4E FLOW RESTRICTOR VALVE 2FA 9941Y ECQFZ ECQ 2
F4C CHEMICAL DRYER 9941Y ECQA ECR AAAAAAAAAA
F4D CHEMICAL DRYER 9941Y ECR UEC AAAAAAAAAA
F4E CHEMICAL DRYER 9941Y ECRA ECR 1
F4C AIR DRYING 4115S ECS ECG 111111111
F4D AIR DRYING 4115S ECS ECG 111111111
F4E AIR DRYING 4115S ECS ECN 111111111
F4C AIR DRYING 4115S ECS ECN 111111111
F4D AIR DRYING 4115S ECS ECN 111111111
F4E AIR DRYING 4115S ECS ECN 111111111
F4C CHEMICAL DRYER 9941Y ECSC ECS 2
F4D CHEMICAL DRYER 9941Y ECSC ECS 2
F4E CHEMICAL DRYER 9941Y ECSC ECS 2
F4C CAMERA AIR ECV MRBA 111111111
F4 OXYGEN ED EZ 005AAAA000
F4 PILOT OXYGEN FDA ED 999999999
F4 EMERGENCY OXYGEN PILOT FDAA DDAF FAAAAAAAAA
F4 PILOT EMERG. OXYGEN DIST. EDAA EDA K EDAB 00AAAAA00
F4 EMERGENCY O2 SYST 91240 EDAAA EDAA A
F4 PILOT NORMAN OXYGEN DIST. EDAB EDA EDAA 003555300
F4 REGULATOR, DILUTE DEMAND 4721C EDAB EDAB A

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 HOSE OXYGEN FLEX 4721D EDABC LDA8 A
F4 RADAR PILOT OXYGEN EDB ED 111111111
F4 EMERGENCY OXYGEN RADAR PILOT ED8A DDAG FAAAAAAAAA
F4 R/P EMERG. OXY. DIST EDB K ED8B 00AAAAA00
F4 EMERG. O2 SYST 91240 ED8AA ED8A A
F4 R/P NORMAL OXY.DIST. ED8B ED8 ED8A 003555300
F4 REGULTR ,DILUTER DEMAND 4721C ED8BB ED8B A
F4 HOSE OXYGEN FLEX 4721D ED8BC ED8B A
F4 OXYGEN SUPPLY EDC DD8E FAAAAAAAAA
F4 NORMAL OXYGEN SUPPLY EDC ED S001555100
F4 NORMAL OXYGEN SUPPLY EDC ED8B FAAAAAAAAA
F4 NORMAL OXYGEN SUPPLY EDC ED8B FAAAAAAAAA
F4 CONVERTER, LIQUID OXYGEN 471AA EDCA EDC A
F4 CONTAINER, LIQUID OXYGEN 471AB EDCB EDC A
F4 VALVE, FILL BUILDUP : VENT 471AC EDCC EDC 2
F4 RELIEF VALVE 471AD EDCD EDC 2
F4 CHECK VALVE 471AE EDCE EDC 1
F4 VALVE,PRESS OPENING : CLOSING 471AF EDCF EDC A
F4 LINE, VENT QUICK DISCONNECT 471AH EDCG EDC A
F4 LINE, SUPPLY QUICK DISCONNECT 471AJ EDCH EDC A
F4 WARM-UP PLATE 471AK EDCJ EDC A
F4 INTERNAL LIGHTING EE FZ D 022222220
F4 FWD CKP INTERNAL LIGHTING EE EE 888888888
F4 PRIMARY FLIGHT INST LIGHTS EEAA EEAAZ 011111110
F4 LIGHTS INSTRUMENT EDGE 4411L EEAAA EEAA 1
F4 4411L EEAA8 EEAA 0
F4 LIGHTING ATTENUATION EEAAZ EEAA 111111111
F4 INST PANEL EMERG RED FLDLITE EEAB FFAAZ 011111110
F4 LIGHTS, CKPT EMERG FLOOD 4411N EEABA EEAB 3
F4 EMERGENCY FLOOD LIGHT CONT 4411C EEAB8 EEAB A
F4 UTILITY SPOT : FLOOD LIGHT EEAC EEAAZ 011111110
F4 LIGHT,UTILITY SPOT : FLOOD 4411F EEACA EFAC A
F4 CONSOLE, WHITE FLOOD LIGHT EEAD FFAAZ 011111110
F4 LIGHT,READING :FLOOD&WHITE< 4411F EEADA EEAD 5
F4 INT LITE CONT PNL ASSY 4411B EEAD8 EFAD 5
F4 SECONDARY INST/MAIN PNL LITE EEAE EEAAZ 111111111
F4 INST EDGE LIGHTS 4411L EEAE EEAE 1
F4 CONSOLE RED FLOOD LIGHTS EEAF FFAAZ 011111110
F4 FLOOD LIGHT ASSY RED CONSOLE 4411D EEAF8 EEAF 2
F4 INT LIGHT CONT PNL ASSY 4411B EEAF8 EEAF 1
F4 STANDBY COMPASS LIGHT EEAG FFAAZ 000000000
F4 INSTRUMENT EDGE LIGHT 4411L EEAGA EEAG A
F4 INT LIGHT CONT PNL ASSY 4411B EEAG8 EEAG 1
F4 PRI FLT INST LITE SELECTION EEAH DC 111111111
F4 PRI FLT INST LITE SELECTION EEAH EEAAZ S111111111
F4 PRI FLT INST LITE SELECTION EEAH EEAE FAAAAAAAAA
F4 PRI FLT INST LITE SELECTION EEAH EEAM FAAAAAAAAA
F4 PRI FLT INST LITE SELECTION EEAH EEAM FAAAAAAAAA
F4 PRI FLT INST LITE SELECTION EEAH EEAN FAAAAAAAAA
F4 PANEL ASSY INT CKPT LITECONT 4411B EEAHA EEAH A

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12345678901234567890123456789012345678901234567890123456789012345678901234567890			
F4 CONSOLE/UTILITY LITE SELECT	EEAJ	FEAAZ	S011111110
F4 CONSOLE/UTILITY LITE SELECT	EEAJ	EEAF	F111111111
F4 CONSOLE/UTILITY LITE SELECT	EEAJ	EEAG	FAAAAAAAAAAA
F4 CONSOLE/UTILITY LITE SELECT	EEAJ	EEAP	FAAAAAAAAAAA
F4 CONSOLE/UTILITY LITE SELECT	EEAJ	EEAQ	FAAAAAAAAAAA
F4 INT LITE CONT PNL ASSY 4411B	EEAJA	EEAJ	5
F4STBY ATTITUDE IND LIGHT	EEAL	EEAAZ K DBEH	000000010
F4STBY ATTITUDE IND LIGHT	EEAL	EEAAZ K DBEH	000000010
F4RSTBY ATTITUDE IND LIGHT	EEAL	EEAAZ K DBEH	000000010
F4D INST EDGE LIGHT 4411L	EEALA	EEAL	A
F4E INST EDGE LIGHT 4411L	EEALA	EEAL	A
F4R INST EDGE LIGHT 4411L	EEALA	EEAL	A
F4D AI INTENSITY CONT 9944E	EEALB	EEAL	A
F4E AI INTENSITY CONT 9944E	EEALB	EEAL	A
F4R AI INTENSITY CONT 9944E	EEALB	EEAL	A
F4EPRIMARY FLIGHT INST LIGHTS	EEAM	EEAAZ	000000010
F4RPRIMARY FLIGHT INST LIGHTS	EEAM	EEAAZ	000000010
F4E INST EDGE LIGHTS 4411L	EEAMA	EEAM	1
F4R INST EDGE LIGHTS 4411L	EEAMA	EEAM	1
F4E INTENSITY CONTROL 6EA 9944E	EEAMB	EEAM	1
F4R INTENSITY CONTROL 6EA 9944E	EEAMB	EEAM	1
F4 POWER REDUCER	EEAN	EEAA	888888888
F4DPOWER REDUCER	EEAN	EEAL	000000010
F4EPOWER REDUCER	EEAN	EEAL	000000010
F4RPOWER REDUCER	EEAN	EEAL	000000010
F4 AUTO XFORMER 9944G	EEANA	EEAN	A
F4 CONTROL PANEL LIGHTS	EEAP	FEAAZ	111111111
F4 COCKPIT FLOOD LIGHTS 4411M	EEAPA	EEAP	1
F4 UTILITY/PROPULSION IND LITES	EEAQ	FEAAZ	011111110
F4 INST EDGE LIGHTS 4411L	EEAQA	EEAQ	1
F4 AUTO XFORMER 9944D	EEAQB	EEAQ	A
F4 AFT CKPT INTERIOR LIGHTING	EEB	EE	000000000
F4 INSTRUMENT LIGHTS	EEBA	EEB	011111110
F4 INST EDGE LIGHTS 4411L	EEBAA	EEBA	1
F4 INST EDGE LIGHTS 4411L	EEBAB	EEBA	0
F4 AUTO XFORMER 9944H	EEBAC	EEBA	A
F4 RED FLOOD LIGHTS	EEBB	EEB	011111110
F4 FLOOD-LIGHT, RED CONSOLE&AFT 4412C	EEBBA	EEBB	2
F4 INT LIGHT CONTROL PNL 4412A	EEBBB	EEBB	5
F4 WHITE FLOOD LIGHTS	EEBC	EEB	011111110
F4 LIGHT 9944C	EEBCA	EEBC	5
F4 INT LIGHT CONTROL PNL 4412A	EEBCB	EEBC	5
F4 UTILITY SPOT : FLOOD LIGHT	EEBD	EEB	011111110
F4 LIGHT 9944B	EEBDA	EEBD	A
F4 STBY COMPASS LIGHT	EEBE	EEB	000000000
F4 LIGHT 9944A	EEBEA	EEBE	A
F4 INT LIGHT CONTROL PNL 4412A	EEBEB	EEBE	5
F4 LIGHT SELECT INST LIGHT	EEBF	EEB	SC11111110
F4 LIGHT SELECT INST LIGHTS	EEBF	EEBA	FAAAAAAAAAAA
F4 LIGHT SELECT INST LIGHT	EEBF	EEBK	FAAAAAAAAAAA

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0000000001111111112222222222333333333344444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 PANEL,CKPT INTERIOR LIGHT 4412A EEBFA EEBF A
F4 INSTRUMENT LIGHTS FUSE 4412B EEBFB EEBF A
F4 CONSOL LIGHT SELECT EEBG FEB S111111111
F4 CONSOL LIGHT SELECT EEBG FEBB F111111111
F4 CONSOL LIGHT SELECT EEBG EEBE FAAAAAAAAA
F4 CONSOL LIGHT SELECT EEBG EEBH FAAAAAAAAA
F4 CONSOL LIGHT SELECT EEBG FEBJ FAAAAAAAAA
F4 INT LIGHT CONTROL PNL 4412A EEBGA FEBG 5
F4 FUSE 9944M EEBGB FEBE A
F4 FUSE 9944M EEBGB EEBH A
F4 FUSE 9944M EEBGB EEBJ A
F4 CONSOLE LIGHTS EEB EEB 111111111
F4 INST EDGE LIGHTS 4411L EEBHA EEBK 1
F4 LIGHT 9944J EEBHB EEBH 1
F4 LOX INDICATOR LIGHT FEBJ FEB 000000000
F4 LIGHT 9944K EEBJA EEBJ A
F4 AUTO XFMRMER 9944L EEBJB EEBJ A
F4 MAIN INST AND EMERG PNL LITE EEBK EEB 011111110
F4 G-LOAD CONDITIONING EF EZ 001111100
F4 PILOT ANTI G EFA EF 000020000
F4 ANTI-G SUIT CSU-3/P 9613A EFAA EFA A
F4 AUTOMATIC ANTI G CONTROL EFR EFA 555555555
F4 ANTI-G VALVE 4141A EFBa EFH A
F4 MANUAL ANTI G CONTROL EFC EFA 555555555
F4 ANTI-G-VALVE 4141A EFCA EFC A
F4 RADAR PILOT ANTI G EFD EF 000020000
F4 ANTI G SUIT CSU-3/P 9613A EFDA EFD A
F4 AUTOMATIC ANTI-G CONTROL EFF EFD 555555555
F4 ANTI-G VALVE 4142A EFEA EFE A
F4 MANUAL ANTI-G CONTROL EFF EFD 555555555
F4 4 ANTI-G VALVE 4142A EFFA EFF A
F4 DIST INSTRUMENT 28VAC BUS EG EFAF 111111111
F4 DIST INSTRUMENT 28VAC BUS EG EFBG 111111111
F4 DIST BATTERY BUSS EH EFAD AAAAAAAAAA
F4 DIST BATTERY BUSS EH EEBc AAAAAAAAAA
F4 AIRSPEED PITOT HEATER EJB DUBC A AAAAAAAAAA
F4 PITOT STATIC TUBE,HTR 511CA EJBa FJB A
F4 FEEL TRIM/VENTURI PITOT HTR EJC FAC A 111111121
F4 STAB FEEL PRESS PICK UP HTR1433G EJCA EJC 8
F4 STAB FEEL VENTURI HTR 1433H EJCB EJC 2
F4 PITOT HEAT SELECT EJD EJB AAAAAAAAAA
F4 PITOT HEAT SELECT EJD EJC AAAAAAAAAA
F4 SWITCH 9951A EJDA EJD A
F4 BELLMOUTH HEATER LEJE LBBKE A 000111000
F4 R BELLMOUTH HEATER REJE RBBKE A 000111000
F4 BELLMOUTH PITOT TUBE HTR 1132J LEJEA LEJE A
F4 BELLMOUTH PITOT TUBE,HTR 1132J REJEA REJE A
F4 L.ENGINE ANTI ICE LEJE LBBHB A 001222100
F4 L.ENGINE ANTI ICE LEJF LEJFC FAAAAAAAAA
F4 R.ENGINE ANTI ICE REJF RBBHB A 001222100

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00000000111111112222222223333333334444444445555555556666666667777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 R. ENGINE ANTI ICE REJF REJFC FAAAAAAAAA
F4 ANTI ICE SELECT EJFA B A S001222100
F4 ANTI ICE SELECT EJFA LEJF FAAAAAAAAA
F4 ANTI ICE SELECT EJFA REJF FAAAAAAAAA
F4 PRESSURE INDICATING SWITCH 2397C REJFA REJFC A
F4 ANTI ICE AIR VALVE L. ENG 2397A LEJFAA LEJF A
F4 ANTI ICE AIR VALVE R. ENG 2397A REJFAA REJF A
F4 ANTI ICE VALVE SOL L. ENG 2397B LEJFAB LEJF A
F4 ANTI ICE VALVE SOL R. ENG 2397B REJFAB REJF A
F4 SELECTOR SWITCH 9923Z EJFAC FJFB A
F4 PILOT ACTION EJFB EJFA AAAAAAAAAA
F4 L. ENG ANTI ICE ON STATUS LEJFC DCN 011111110
F4 R. ENG ANTI ICE ON STATUS REJFC DCN 011111110
F4 R. VERTICAL 4411A LEJFCB LEJFC 2
F4 R. VERTICAL 4411A REJFCB REJFC 2
F4 MASTER CAUTION LIGHT 4411G LEJFCC LEJFC 1
F4 MASTER CAUTION LIGHT 4411G REJFCC REJFC 1
F4 ANGLE OF ATTACK PROBE HEATER EJG DBFF A AAAAAAAAAA
F4 ANGLE OF ATTACK PROBE HTR 513E0 EJGA EJG A
F4 ANGLE OF ATTACK CASE HEATER EJH DBFF 111111111
F4 ANGLE OF ATTACK CASE HTR 513E0 EJHA EJH A
F4 LANDING GEAR INTERLOCK CONT EJJ DBFC FAAAAAAAAA
F4 LANDING GEAR INTERLOCK CONT EJJ DBFD FAAAAAAAAA
F4 LG INTERLOCK CONTROL EJJ LEJE FAAAAAAAAA
F4 LG INTERLOCK CONTROL EJJ REJE FAAAAAAAAA
F4 LG INTERLOCK CONTROL EJJ EJG AAAAAAAAAA
F4 LG INTERLOCK CONTROL EJJ EJH 111111111
F4 LG INTERLOCK CONTROL EJJ EJJJ S111111111
F4 LG INTERLOCK CONTROL EJJ EJJ AAAAAAAAAA
F4 BELLMOUTH HEATER ATTENUATOR EJJJ R A S111111111
F4 CADC INTERLOCK CONTROL EJK EJH 111111111
F4 ELECT RESIST THERMO HEATER EJJ UJB A AAAAAAAAAA
F4 ELECT RESIST TEMP XMTR HTR 513D0 EJJL EJJL A
F4 LIGHTING EK EXZ D 111111111
F4 FUSELAGE : TAIL LIGHTING EKA EK 000000000
F4 UPPER FUSELAGE LIGHT 4422A EKAA EKA 8
F4 LOWER FUSELAGE LIGHT RIGHT 4422B REKAB EKA 1
F4 LOWER FUSELAGE LIGHT LEFT 4422B LEKABB EKA 1
F4 TAIL LIGHT 4422C EKAC EKA 8
F4 TRANSFORMER 7EA 4421B EKAD EKA 1
F4 EXTERIOR LIGHT CONT PNL 4421A EKAE FKA 2
F4 ANTI-COLLISION LIGHTING EKB EK 000000000
F4 ANTI-COLLISION LIGHT 4422D EKBA EKB A
F4 EXTERIOR LIGHT CONT PNL 4421A EKBB EKB 3
F4 TAXI LIGHTING EKC EK 100000001
F4 TAXI LIGHTING 4422E EKCA EKC A
F4 LEFT THROTTLE LEVER 2396B EKCB EKC A
F4 LANDING LIGHTING EKD EK 000000000
F4 LANDING LIGHT 4422F LEKDA EKD A
F4 LEFT THROTTLE LEVER 2396B EKDB EKD A

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000000001111111122222222223333333344444444555555556666666677777777778			
1234567890123456789012345678901234567890123456789012345678901234567890			
F40 DIST RIGHT MAIN 28V DC BUS	EM	FK	S100000CA1
F40DIST RIGHT MAIN 28V DC BUS	EM	EK	S100000CA1
F40DIST RIGHT MAIN 28V DC BUS	EM	EKA	F222222222
F40DIST RIGHT MAIN 28V DC BUS	EM	EKA	F222222222
F40DIST RIGHT MAIN 28V DC BUS	EM	EKA	F222222222
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKB	FAAAAAAAAA
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKB	FAAAAAAAAA
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKB	FAAAAAAAAA
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKC	FAAAAAAAAA
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKC	FAAAAAAAAA
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKC	FAAAAAAAAA
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKD	FAAAAAAAAA
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKD	FAAAAAAAAA
F40 DIST RIGHT MAIN 28V DC BUS	EM	EKD	FAAAAAAAAA
F4 DIST ESSENTIAL 28V DC BUS	EN	EEAB	111111111
F4 DIST ESSENTIAL 28V DC	EN	EJJ	AAAAAAAAAA
F4 DIST ESSENTIAL 28V DC	EN	EJK	AAAAAAAAAA
F40DIST LEFT MAIN 28VDC BUS	EP	EBAF	AAAAAAAAAA
F40DIST LEFT MAIN 28VDC BUS	EP	EBAF	AAAAAAAAAA
F40DIST LEFT MAIN 28VDC BUS	EP	EBAF	AAAAAAAAAA
F40 DIST LEFT MAIN 28VDC BUS	EP	ELA	AAAAAAAAAA
F40 DIST LEFT MAIN 28VDC BUS	EP	ELA	AAAAAAAAAA
F40 DIST LEFT MAIN 28VDC BUS	EP	ELA	AAAAAAAAAA
F4 DIST RIGHT MAIN 115VAC BUS	EQ	EAAB	AAAAAAAAAA
F40DIST RIGHT MAIN 115VAC BUS	EQ	EEAH	AAAAAAAAAA
F40DIST RIGHT MAIN 115VAC BUS	EQ	EEBF	AAAAAAAAAA
F40DIST RIGHT MAIN 115VAC BUS	EQ	EEBF	AAAAAAAAAA
F4 DIST RIGHT MAIN 115VAC BUS	EQ	EJD	AAAAAAAAAA
F4 DIST RIGHT MAIN 115VAC BUS	EQ	EJJ	AAAAAAAAAA
F4 DIST RIGHT MAIN 115VAC BUS	EQ	EJK	AAAAAAAAAA
F40 DIST RIGHT MAIN 115VAC	EQ	ELF	AAAAAAAAAA
F40DIST ESSENTIAL 28VAC BUS	ER	EEAH	AAAAAAAAAA
F40DIST ESSENTIAL 28VAC BUS	ER	EEAH	AAAAAAAAAA
F40DIST ESSENTIAL 28VAC BUS	ER	EFAM	AAAAAAAAAA
F40EBGT ESSENTIAL 28VAC BUS	ER	EEBF	AAAAAAAAAA
F40EBGT ESSENTIAL 28VAC BUS	ER	EEBF	AAAAAAAAAA
F40EBGT ESSENTIAL 28VAC BUS	ER	EEBF	AAAAAAAAAA
F40EBGT ESSENTIAL 28VAC BUS	ER	EEBF	AAAAAAAAAA
F40EBGT ESSENTIAL 28VAC BUS	ER	EEBF	AAAAAAAAAA
F40 DIST ESSENTIAL 115 VAC	ER	ELF	AAAAAAAAAA
F40 DIST ESSENTIAL 115 VAC	ER	ELF	AAAAAAAAAA
F40 DIST ESSENTIAL 115 VAC	ER	ELF	AAAAAAAAAA
F40 DIST LEFT MAIN 115VAC BUS	ES	EBPC	AAAAAAAAAA
F40 DIST LEFT MAIN 115VAC BUS	ES	EBPC	AAAAAAAAAA
F40 DIST LEFT MAIN 115VAC BUS	ES	EBPC	AAAAAAAAAA
F40 DIST LEFT MAIN 115VAC BUS	ES	EEAJ	AAAAAAAAAA
F40 DIST LEFT MAIN 115VAC BUS	ES	EJFA	AAAAAAAAAA
F40 DIST LEFT MAIN 115VAC BUS	ES	EKE	555555555
F40DIST RIGHT MAIN 28VAC BUS	ET	EEAC	AAAAAAAAAA
F40DIST RIGHT MAIN 28VAC BUS	ET	EEBD	AAAAAAAAAA

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0000000011111111122222222233333333334444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890

F4 SKIN OUTBOARD UPPER	1431V	RFAAF	FAA	1
F4 SKIN INBOARD LE LOWER	1431U	LFAAG	FAA	1
F4 SKIN INBOARD LE LOWER	1431U	RFAAG	FAA	1
F4 SKIN INBOARD LE UPPER	1431T	LFAAH	FAA	1
F4 SKIN INBOARD LE UPPER	1431T	RFAAH	FAA	1
F4 SKIN BOX LOWER OUTBOARD	1431S	LFAAJ	FAA	1
F4 SKIN BOX LOWER OUTBOARD	1431S	RFAAJ	FAA	1
F4 SKIN BOX UPPER OUTBOARD	1431R	LFAAK	FAA	1
F4 SKIN BOX UPPER OUTBOARD	1431R	RFAAK	FAA	1
F4 SKIN BOX LOWER CEENTER	1431P	LFAAL	FAA	1
F4 SKIN BOX LOWER CEENTER	1431P	RFAAL	FAA	1
F4 SKIN BOX UPPER CENTER	1431N	LFAAM	FAA	1
F4 SKIN BOX UPPER CENTER	1431N	RFAAM	FAA	1
F4 HINGE FITTING ASSY RIGHT	1431M	FAAN	FAA	5
F4 HINGE FITTING ASSY LEFT	1431L	FAAP	FAA	5
F4 STAB HORN ACTUATOR	1431K	FAAQ	FAA	8
F4E STABILATOR TIP	1431J	LFAAR	FAA	0
F4E STABILATOR TIP	1431J	RFAAR	FAA	0
F4E SLOTTED LEAD EDGE SKIN	1431H	LFAAS	FAA	1
F4E SLOTTED LEAD EDGE SKIN	1431H	RFAAS	FAA	1
F4E SLOTTED LEAD EDGE SKIN	1431G	LFAAT	FAA	1
F4E SLOTTED LEAD EDGE SKIN	1431G	RFAAT	FAA	1
F4E SLOTTED LEAD EDGE SKIN	1431F	LFAAU	FAA	1
F4E SLOTTED LEAD EDGE SKIN	1431F	RFAAU	FAA	1
F4E SLOTTED LEAD EDGE SKIN	1431E	LFAAV	FAA	1
F4E SLOTTED LEAD EDGE SKIN	1431E	RFAAV	FAA	1
F4 STABILATOR COVER PLATE	1431D	LFAAW	FAA	2
F4 STABILATOR COVER PLATE	1431D	RFAAW	FAA	2
F4 ALUMINUM T/E HONEYCOMB	1431C	FAAX	FAA	5
F4 STEEL TIE HONEYCOMB	1431B	FAAY	FAA	5
F4 STABILATOR ASSEMBLY	1431O	FAAZ	FAA	A
F4 CONTROL SURFACE MOVEMENT		FAB	FA	AAAAAAAAA
F4 STABILATOR POWER CONT CYL	1432F	FABA	FAB	A
F4 STABILATOR HYD SWIVELS	1432J	FABB	FAB	1
F4C CHECK VALVE	1432K	FABC	FAB	1
F4C CHECK VALVE	1432K	FABC	FAB	1
F4C CHECK VALVE	1432K	FABC	FAB	1
F4C STABILATOR COLLAR	1432L	LFABD	FAB	1
F4C	1432L	RFABD	FAB	1
F4C LUG RESTRAINT STRAP	1432M	FABE	FAB	0
F4E SERVO VALVE	1432H	LFABF	FAB	3
F4E SERVO ALVE	1432H	RFABF	FAH	3
F4 FEEL FORCE/FEEL TRIM		FAC	DCU	FAAAAAAAAAA
F4 FEEL FORCE, FEEL TRIM		FAC	FAB	000111000
F4 FEEL FORCE FEEL TRIM		FAC	FAE	FAAAAAAAAAA
F4 STABILATOR FEEL TRIM ACT.	1433A	FACA	FAC	2
F4 STABILATOR FEEL TRIM BELL	1433B	FACB	FAC	2
F4 STABILATOR FEEL TRIM VENT	1433H	FACC	FAC	2
F4 STAB OVER RIDE SPRING	1433F	FACD	FAC	1
F4C STAB PRESS PICKUP PROBE R	1433E	FACEX	FAC	2

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00000000111111112222222222333333333344444444445555555555666666666677777777778			
12345678901234567890123456789012345678901234567890123456789012345678901234567890			
F4D	STAB PRESS PICKUP PROBE R	1433E	FAC 2
F4E	TAB PRESS PICKUP PROBE R	1433E	FAC 2
F4C	STAB PRESS PICKUP PROBE W	1433G	FAC 2
F4D	TAB PRESS PICKUP PROBE W	1433G	FAC 2
F4E	TAB PRESS PICKUP PROBE W	1433G	FAC 2
F4R	STAB PRESS PICKUP PROBE	1433G	FAC 2
F4	STABILATOR FEEL BALNC ASSY	1433L	FAC 1
F4	STABILATOR FORCE LINK SW	1433M	FAC 1
F4	STABILATOR FORCE LINK SPRG	1433N	FAC 1
F4	STABILATOR COUNTER WEIGHT	1433P	FAC 0
F4	VISCOVS DAMPING		FAC 11111111
F4	STABILATOR FEEL TRM VISC	1433D	FAD 1
F4	PITCH TRIM INITIATOR		FAC F11111111
F4	PITCH TRIM INITIATOR		FAM 11111111
F4	PITCH TRIM SWITCH FRONT	1411A	FAC 2
F4	PITCH TRIM RELAY PANEL	1433J	FAC A
F4D	PITCH TRIM SWITCH AFT	1411F	FAC 0
F4L	PITCH TRIM SWITCH AFT	1411F	FAC 0
F4R	PITCH TRIM SWITCH AFT	1411F	FAC 0
F4C	PITCH TRIM SWITCH AFT	1412A	FAC 0
F4	MAANUAL INIYIATE		FAL 0A111111AA
F4	MECHANICAL LINK		FAB 11111111
F4	MECHANICAL LINK		RFAG 11111111
F4	LH LONGITUDINAL BELLCRANK	1435A	LFAG A
F4	RH LONGITUDINAL BELLCRANK	1435A	RFAG A
F4	LH LONG CONTROL RODS	1435B	LFAG A
F4	RH LONG. CONTROL RODS	1435B	RFAG A
F4	LH LONGITUDINAL CABLES	1435C	LFAG A
F4	RH LONGITUDINAL CABLES	1435C	RFAG A
F4	LH FWD STABIL. BELLCRANK	1435D	LFAG A
F4	RH FWD STABIL. BELLCRANK	1435D	RFAG A
F4	AFT STABIL. TORQ TUBE	1435E	FAGE 1
F4	115 VAC		FAH 22222222
F4	28 VDC ESSENTIAL		FAJ 22222222
F4	ATTENUATION		FAK 11111111
F4	PITCH INIYIATE		FAL AA55555AA
F4	AUTO INITIATE		FAM 000111000
F4LAUX	HYD PRESSURE		FAX DCME AAAAAAAAAA
F4RAUX	HYD PRESSURE		FAX DCME AAAAAAAAAA
F4D	AUXILLIARY HYDRAULIC PWR		FAX K FAZ AAAAAAAAAA
F4E	AUXILLIARY HYD PWR		FAX K FAZ AAAAAAAAAA
F4RAUXILLIARY	HYD PWR		FAX K FAZ AAAAAAAAAA
F4E	HYDRAULIC PRESSURR SWITCH	1436F	FAXU 0
F4R	HYDRAULUC PRESSURE SWITCH	1436F	FAXU 0
F4E	RELIEF VALVE	1436E	FAXV 5
F4R	RELIEF VALVE	1436E	FAXV 5
F4L	AUX HYDRAULIC MANIFOLD	1436D	FAXW 5
F4R	AUX HYDPAULIC MANIFOLD	1436D	FAXW 5
F4E	REJECT TEST SWITCH	1436C	FAXX 7
F4R	REJECT TEST SWITCH	1436C	FAXX 7

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00000000111111112222222222333333333344444444445555555555666666666677777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 ROLL LEFT LFCA FC 0A99999A0
F4 ROLL RIGHT RFCA FC 0A99999A0
F4 LEFT SPOILER POSITIONING LFCA 221111127
F4 R SPOILER POSITIONING RFCA 221111122
F4 LEFT INBOARD SPOILER 14230 LFCA LFCA 2
F4 RIGHT INBOARD SPOILER 14230 RFCA RFCA 2
F4 LEFT OUTBOARD SPOILER 14240 LFCA LFCA 3
F4 RIGHT OUTBOARD SPOILER 14240 RFCA RFCA 3
F4 LEFT AILERON POSITIONING LFCA 221111122
F4 RIGHT AILERON POSITIONING RFCA 221111122
F4 LEFT AILERON 14210 LFCA LFCA A
F4 RIGHT AILERON 14210 RFCA RFCA A
F4 L TRAIL EDGE HONEYCOMB 1421A LFCA LFCA 7
F4 RIGHT TRAIL EDGE HONEYCOMB 1421A RFCA RFCA 7
F4 LEFT HINGE HALF ZEA 1421C LFCA LFCA 2
F4 RIGHT HINGE HALF ZEA 1421C RFCA RFCA 2
F4 AILERON SKIN LOWER 1421D LFCA LFCA 3
F4 AILERON SKIN LOWER 1421D RFCA RFCA 3
F4 AILERON SKIN UPPER 1421E LFCA LFCA 3
F4 AILERON SKIN UPPER 1421E RFCA RFCA 3
F4 AILERON SKIN RIB 139.82 1421F LFCA LFCA 1
F4 AILERON SKIN RIB 139.82 1421F RFCA RFCA 1
F4 AILERON SKIN RIB 155.44 1421G LFCA LFCA 1
F4 AILERON SKIN RIB 155.44 1421G RFCA RFCA 1
F4 LEFT AILERON DAMPER LFCA 111111111
F4 RIGHT AILERON DAMPER RFCA 111111111
F4 L AIL VISC DAMP 1422A LFCA LFCA 1
F4 R AIL VISC DAMP 1422G RFCA RFCA 1
F4 LEFT SPOILER ACTUATION LFCA LFCA AAAAAAAAAA
F4 RIGHT SPOILER ACTUATION RFCA RFCA AAAAAAAAAA
F4 L OUTBD SPOIL PWR CYLINDER 1425B LFCA LFCA A
F4 R OUTBD SPOIL PWR CYL 1425E RFCA RFCA A
F4 L SPOIL DUAL SERVO VALVE 1425C LFCA LFCA A
F4 R SPOIL DUAL SERVO VALVE 1425H RFCA RFCA A
F4 L SPOIL HYD SWIVELS 1425E LFCA LFCA 1
F4 R SPOIL HYD SWIVELS 1425E RFCA RFCA 1
F4 L INBOARD SPOIL PWR CYL 1425D LFCA LFCA A
F4 R INBD SPOIL PWR CYL 1425D RFCA RFCA A
F4 L AILERON ACTUATION LFCA LFCA AAAAAAAAAA
F4 RIGHT AILERON ACTUATION RFCA RFCA AAAAAAAAAA
F4 L AILERON PWR CONT CYL 1422B LFCA LFCA A
F4 R AILERON PWR CONT CYL 1422B RFCA RFCA A
F4 L AILERON HYD SWIVELS 1422E LFCA LFCA 1
F4 R AILERON HYD SWIVELS 1422E RFCA RFCA 1
F4 LEFT TRANSMISSION LFCA FC S010000120
F4 LEFT TRANSMISSION LFCA LFCA FAAAAAAAAA
F4 LEFT TRANSMISSION LFCA LFCA FAAAAAAAAA
F4 LEFT TRANSMISSION LFCA FFDB FAAAAAAAAA
F4 RIGHT TRANSMISSION RFCA FC S010000120
F4 RIGHT TRANSMISSION RFCA RFCA FAAAAAAAAA

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 RIGHT TRANSMISSION RFCJ RFCH FAAAAAAAAA
F4 RIGHT TRANSMISSION RFCJ FFHB FAAAAAAAAA
F4 L LATERAL BELLCRANKS 1427A LFCJA LFCJ A
F4 R LATERAL BELLCRANKS 1427A RFCJA RFCJ A
F4 L LAT WALKING BEAM BELLCR1427B LFCJB LFCJ A
F4 R LAT WALKINGBEAM BELLCRA1427B RFCJB RFCJ A
F4 L LATERAL CONTROL RODS 1427C LFCJC LFCJ A
F4 R LATERAL CONTROL RODS 1427C RFCJC RFCJ A
F4 LAT OVER RIDE SPRING CART 1427D LFCJD LFCJ 0
F4 LAT OVER RIDE SPRING CART 1427D RFCJD RFCJ 0
F4 LAT SERIES SERO ACTUATOR 1428A LFCJE LFCJ 8
F4 LAT SERIES SERVO ACTUATOR 1428A RFCJE RFCJ 8
F4 SPOIL FOLLOW-UP TORQUE TUBE1427E LFCJF LFCJ 1
F4 SPOIL FOLLOW-UP TORQUE TUBE1427E RFCJF RFCJ 1
F4 CONTROL SURFACE ACTUATION FCK FC SAAAAAAAAA
F4 CONTROL SURFACE ACTUATION FCK LFCJ FAAAAAAAAA
F4 CONTROL SURFACE ACTUATION FCK RFCJ FAAAAAAAAA
F4 AFCS INITIATION FCL FC 00011000
F4 ROLL STAB AUGMENTATION FCM FCL 11111111
F4 MANUAL INITIATION FCN FCK AA11111A
F4D FWD CKPT CONTROL STK YOKE 1411C FCNA FAF 8
F4E FWD CKPT CONTROL STK YOKE 1411C FCNA FAF 8
F4R FWD CKPT CONTROL STK YOKE 1411C FCNA FAF 8
F4C FWD CKPT CONTROL STK YOKE 14110 FCNA FAF 8
F4D FWD CKPT CONTROL STK YOKE 1411C FCNA FCN 8
F4E FWD CKPT CONTROL STK YOKE 1411C FCNA FCN 8
F4R FWD CKPT CONTROL STK YOKE 1411C FCNA FCN 8
F4C FWD CKPT CONTROL STK YOKE 14110 FCNA FCN 8
F4 FWD CKPT STICK GRIP 1411A FCNB FCN 4
F4C FWD CKPT CONTROL STICK 1411B FCNC FAF 8
F4D FWD CKPT CONT. STICK 14110 FCNC FAF 8
F4E FWD CKPT CONT STICK 1411C FCNC FAF 9
F4R FWD CKPT CONT STICK 14110 FCNC FAF 8
F4C FWD CKPT CONTROL STICK 1411B FCNC FCN 8
F4D FWD CKPT CONT STICK 14110 FCNC FCN 9
F4E FWD CKPT CONT STICK 14110 FCNC FCN 8
F4R FWD CKPT CONT STICK 14110 FCNC FCN 9
F4C AFT CKPT STICK GRIP 1412A FCND FAF 0
F4C AFT CKPT STICK GRIP 1412A FCND FCN 0
F4D AFT CKPT STICK GRIP 1411F FCNF FAF 0
F4E AFT CKPT STICK GRIP 1411F FCNE FAF 0
F4R AFT CKPT STICK GRIP 1411F FCNE FAF 0
F4D AFT CKPT STICK GRIP 1411F FCNE FCN 0
F4E AFT CKPT STICK GRIP 1411F FCNE FCN 0
F4R AFT CKPT STICK GRIP 1411F FCNE FCN 0
F4D AFT CKPT CONT STICK INSTAL 1411L FCNF FAF 0
F4E AFT CKPT CONT STICK INSTAL 1411L FCNF FAF 0
F4R AFT CKPT CONT STICK INSTAL 1411L FCNF FAF 0
F4D AFT CKPT CONT STICK INSTAL 1411L FCNF FCN 0
F4E AFT CKPT CONT STICK INSTAL 1411L FCNF FCN 0

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000000001111111122222222333333333344444444445555555555666666666677777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4R AFT CKPT CONT STICK INSTAL 1411L FCNF FCN 0
F4C AFT CKPT CONT STICK INSTAL 1412B FCNG FAF 0
F4C AFT CKPT CONT STICK INSTAL 1412B FCNG FCN 0
F4 FEEL FORCE ACTUATION FCP FCN 111111111
F4 L LAT ROTARY TRM ACTUATOR 1426A LFOPA FCP 3
F4 R LAT ROTARY TRM ACTUATOR 1426A RFOPA FCP 3
F4 L LAT SPG CART/SCRW JK AC1426E LFOPB FCP 0
F4 R LAT SPG CART/SCRW JK AC1426E RFOPB FCP 0
F4 L LAT TRM FLY DRIVE SHAFT 1426E LFOPC FCP 3
F4 R LAT TRM FLX DRIVE SHAFT 1426E RFOPC FCP 3
F4 ROLL TRIM INITIATE FCP FCP AAAAAAAAAA
F4 115 VAC FCT FCP AAAAAAAAAA
F4 23 VDC FCU FCR AAAAAAAAAA
F4 AUTOPILOT FCY FCM 111111111
F4 SPEED CONTROL AIR BRAKE FD F 000500000
F4 LEFT SPEED BRAKE LFDA FD 555555555
F4 LEFT SPEED BRAKE LFDA LFDA FAAAAAAAAAA
F4 RIGHT SPEED BRAKE RFDA FD 555555555
F4 RIGHT SPEED BRAKE RFDA RFDA FAAAAAAAAAA
F4 L SPEED BRAKE ASSEMBLY 1461G LFDA LFDA A
F4 R SPEED BRAKE ASSEMBLY 1461G RFDA RFDA A
F4 UPPER SPEED BRAKE SKIN 1461A LFDA LFDA 1
F4 UPPER SPEED BRAKE SKIN 1461A RFDA RFDA 1
F4 SPEED BRAKE LOWER SKIN 1461R LFDA LFDA 1
F4 SPEED BRAKE LOWER SKIN 1461R RFDA RFDA 1
F4 LEFT SPEED BRAKE ACTUATION LFDB LFDA AAAAAAAAAA
F4 RIGHT SPEED BRAKE ACTUATION RFDB RFDA AAAAAAAAAA
F4 LEFT SPEED BRAKE ACTUATOR 1462G LFDB LFDB A
F4 RIGHT SPEED BRAKE ACTUATOR 1462G RFDB RFDB A
F4 COMMON SPEED BRAKE ACT FDC FD SAAAAAAAAAA
F4 COMMON SPEED BRAKE ACT FDC LFDB FAAAAAAAAAA
F4 COMMON SPEED BRAKE ACT FDC RFDB FAAAAAAAAAA
F4 SELECTOR VALVE 1462A FDCA FDC A
F4 FLOW DIVIDER 1462C FDCP FDC 5
F4 HYDRAULIC CHECK VALVE 1462E FDCC FDC 2
F4 SPEED BRAKE HYD SWIVELS 1462F FDCC FDC 2
F4 SPEED BRAKE POWER CYLINDER 1462D FDCE FDC A
F4 SPEED BRAKE INITIATE FDD FDC AAAAAAAAAA
F4 FWD COCKPIT SWITCH CONTRL 1462G FDDA FDD 1
F4 AFT COCKPIT SWITCH CONTRL 1462H FDDB FDD 2
F4C 23 VDC FDG FDD AAAAAAAAAA
F4C 23 VDC FDG FDD AAAAAAAAAA
F4R 23 VDC FDG FDD AAAAAAAAAA
F4 L SPEED BRAKE POSIT SENSED LFDX FDY AAAAAAAAAA
F4 R SPEED BRAKE POSIT SENSED RFDX FDY AAAAAAAAAA
F4C SPEED BRAKE POSITION SWW 1463C LFDXW LFDX 2
F4C SPEED BRAKE POSIT SWITCH 1463C RFDXW RFDX 2
F4C BRAKE POSITION SWITCH 1463C LFXY LFDX 2
F4C BRAKE POSITION SWITCH 1463C RFXY RFDX 2
F4 SPEED BRAKE POSIT INDICATE FDY FDZ 111111111

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PGG095.JIR1 DATE = 09/16/75

FLIGHT SAFETY PREDICTION TECHNIQUE

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 SPEED BRAKE WARNING LIGHT F1463A FUYF FUY 1
F4 SPEED BRAKE WARNING LIGHT R1463A FDYZ FUY 1
F4 PILOT ACTION F0Z FDC AAAAAAAAAA
F4LIFT AUGMENTATION FF F 010000030
F4DLIFT AUGMENTATION FE F 010000030
F4E LIFT AUGMENTATION FF F 010010030
F4RLIFT AUGMENTATION FE F 010000030
F4 BLC SYSTEM FEA FE 000000010
F4 LEFT BOUNDARY LAYER CONTROL FFAA FLA AAAAAAAAAA
F4 LEFT BOUND LAYER CONT FLAA FEAX F55555555
F4 TRAILING EDGE BLC LFELAA FFAA 33333333
F4 TE BLC RFEAAA FEAB 33333333
F4 LEFT VALVE, SHUT OFF 4152B LFELAAA LFELAA A
F4 RIGHT VALVE SHUTOFF 4153E RFEAAAA RFELAA A
F4 LEFT DUCT 4153F LFELAAAB LFELAA A
F4 RIGHT DUCT 4153G RFEELAAAB RFELAA A
F4 LEADING EDGE OUTBD BLC LFELAB FEAA 33333333
F4 LE OUTBD BLC RFEELAB FEAB 33333333
F4 L CHAMBER INBOARD&OUTBD 4151B LFELABA LFELAB A
F4 R CHAMBER INNER, OUTBOARD 4151H RFEELABA RFELAB A
F4 L CHAMBER CENTER 4151C LFELABB LFELAB A
F4 R CHAMBER CENTER 4151J RFEELABB RFELAB A
F4 L CHAMBER INNER 4151D LFELABC LFELAB A
F4 R CHAMBER INNER 4151K RFEELABC RFELAB A
F4 L CHAMBER OUTBOARD 4151E LFELABD LFELAB A
F4 R CHAMBER OUTBOARD 4151L RFEELABD RFELAB A
F4 L TUBE ASSY 4151F LFELABE LFELAB A
F4C R TUBE ASSY 4151M RFEELABE RFELAB A
F4R RT TUBE ASSY BLC 4151N RFEELABE RFELAB 2
F4 L INSULATION 4151G LFELABF LFELAB A
F4 R INSULATION 4151G RFEELABF RFELAB A
F4 LEADING EDGE CENTER BLC LFELAC FEAA 33333333
F4 LE CENTER BLC RFEELAC FEAB 33333333
F4 L BELLOWS ASSY WING FOLD 4152A LFELACA LFELAC A
F4 R BELLOWS ASSY WING FOLD 4152A RFEELACA RFELAC A
F4 L VALVE LEAD. EDGE SHUTOFF 4152C LFELACB LFELAC A
F4 R VALVE LF SHUTOFF 4152D RFEELACB RFELAC A
F4 L DUCT, INNER 4152E LFELACC LFELAC A
F4 R DUCT, INNER 4152F RFEELACC RFELAC A
F4 L DUCT, CENTER 4152G LFELACD LFELAC A
F4 R DUCT, CENTER 4152H RFEELACD RFELAC A
F4 L DUCT, OUTBOARD 4152J LFELACE LFELAC A
F4 R DUCT, OUTBOARD 4152K RFEELACE RFELAC A
F4 TE BLC INITIATE LFELAD LFELAA AAAAAAAAAA
F4 TE BLC INITIATE RFEELAD RFEELAA AAAAAAAAAA
F4 LE BLC OUTBD INITIATE LFELAE LFELAB AAAAAAAAAA
F4 LE OUTBOARD BLC INITIATE RFEELAE RFEELAB AAAAAAAAAA
F4 LE BLC CENTER INITIATE LFELAF LFELAC AAAAAAAAAA
F4 LE CENTER BLC INITIATE RFEELAF RFEELAC AAAAAAAAAA
F4 RIGHT BLC FEAB FEA AAAAAAAAAA

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123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 RT BOUNDARY LAYER CONT FEAB FEAX F555555555
F4 ALC WARNING FEAX FEBL 010000000
F4 BLC LIMIT SWITCH 4154B LFEAXY FEAX A
F4 BLC LIMIT SWITCH 4154B RFEAXY FEAX A
F4 BLC MALFUNCTION LIGHT 4154A LFEAXZ FEAX 3
F4 BLC MALFUNCTION LIGHT 4154A RFEAXZ FEAX 3
F4 FLAP ACTUATION FEB FEC SAAAAAAAAA
F4 FLAP ACTUATION FEB FED FAAAAAAAAA
F4 FLAP ACTUATION FEB FEF FAAAAAAAAA
F4C FLAP ACTUATION FEB FSX FAAAAAAAAA
F4D FLAP ACTUATION FEB FSX FAAAAAAAAA
F4E FLAP ACTUATION FEB FSX FAAAAAAAAA
F4 LEFT TRAIL EDGE FLAP SURF LFEB A FEB 000000070
F4 RIGHT TE FLAP SURFACE RFEB A FEB 000000070
F4 L TRAILING EDGE FLAP 1454D LFEBAA LFEB A 5
F4 R TRAILING EDGE FLAP 1454D RFEBAA LFEB A 5
F4 L TRAILING EDGE HONEYCOMB 1454A LFEBAB LFEB A 5
F4 R TRAILING EDGE HONEYCOMB 1454A RFEBAB LFEB A 5
F4 L HORN, BOUNDARY LAYER CON 1454B LFEBAC LFEB A 5
F4 R HORN, BOUNDARY LAYER CON 1454B RFEBAC LFEB A 5
F4 TRL EDGE FLAP SKIN UPPER 1454C LFEBAD LFEB A 2
F4 TRL EDGE FLAP SKIN UPPER 1454C RFEBAD LFEB A 2
F4 TRL EDGE FLAP SKIN LOWER 1454D LFEBAE LFEB A 2
F4 TRL EDGE FLAP SKIN LOWER 1454D RFEBAE LFEB A 2
F4 HINGE HALF TE FLAP 1454F LFEBAF LFEB A 5
F4 HINGE HALF TE FLAP 1454F RFEBAF LFEB A 5
F4 LEFT LE INBD FLAP SURFACE LFEBB FEB 000000010
F4 RIGHT LE INBD FLAP SURFACE RFEBB FEB 000000010
F4 L LEADING EDGE FLAP, INBD 1451D LFEBBA LFEB A
F4 R LE INBOARD FLAP 1451D RFEBBA LFEB A
F4 INBD LE FLAP SKIN 1451F LFEBBB LFEB 2
F4 INBD LE FLAP SKIN 1451F RFEBBB LFEB 2
F4 INBD LE FLAP HINGE HALF 1451G LFEBBC LFEB 5
F4 INBD LE FLAP HINGE HALF 1451G RFEBBC LFEB 5
F4 INBD LE FLAP DOOR 129 1451H LFEBBD LFEB 0
F4 INBD LE FLAP DOOR 129 1451H RFEBBD LFEB 0
F4 LEFT LE CENT FLAP SURFACE LFEB C FEB 000000010
F4 RIGHT LE CENT FLAP SURFACE RFEB C FEB 000000010
F4 L CENTER LE FLAP 1452D LFEBCA LFEB 5
F4 R CENTER LE FLAP 1452D RFEBCA LFEB 5
F4 CNTR LE FLAP SKIN 1452A LFEB CB LFEB 2
F4 CNTR LE FLAP SKIN 1452A RFEB CB LFEB 2
F4 FLAP MECH. PANEL ASSY LWR 1452B LFEBCC LFEB 1
F4 FLAP MECH. PANEL ASSY LWR 1452B RFEBCC LFEB 1
F4 FLAP MECH. PANEL ASSY UPR 1452C LFEB CD LFEB 1
F4 FLAP MECH. PANEL ASSY UPR 1452C RFEB CD LFEB 1
F4 CNTR LE FLAP HINGE HALF 1452E LFEBCE LFEB 5
F4 CNTR LE FLAP HINGE HALF 1452E RFEBCE LFEB 5
F4 LEFT LE OUTBD FLAP SURFACE LFEBD FEB 111111121
F4 RIGHT LE OUTBD FLAP SURFACE RFEBD FEB 111111121

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000000000111111111222222222233333333333344444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890

F4	L OUTBD LE FLAP	14530	LFEBDA	LFEBD	5	
F4	R OUTBOARD LE FLAP	14530	RFERDA	RFERD	5	
F4	LEFT TRAIL EDGE ACTUATION		LFERE	LFERA		AAAAAAAAAA
F4	RIGHT TE FLAP ACTUATION		RFERE	RFERA		AAAAAAAAAA
F4	L TRAILING EDGE ACTUATOR	1455L	LFEBEA	LFEBE	A	
F4	R TRAILING EDGE ACTUATOR	1455E	RFEREA	RFERE	A	
F4	L FLAP HYD CHECK VALVES	1455M	LFEBEB	LFEBE	2	
F4	R FLAP HYD CHECK VALVES	1455M	RFEREB	RFERE	2	
F4	L HYDRAULIC RESTRICTOR	1455Q	LFEBEC	LFERE	2	
F4	R HYDRAULIC RESTRICTOR	1455Q	RFEREC	RFERE	2	
F4	L FLAP HYD SWIVELS	1455L	LFEBED	LFEBE	2	
F4	R FLAP HYDRAULIC SWIVELS	1455L	RFERED	RFERE	2	
F4	LEFT LE INBD ACTUATION		LFEBF	LFEBB		AAAAAAAAAA
F4	RIGHT LE INBD ACTUATION		RFERF	RFERB		AAAAAAAAAA
F4	L LE INBD SPRING CARTRIDGE	1451A	LFEBFA	LFEBF	2	
F4	R SPRING CART INBD LE	1451A	RFERFA	RFERF	2	
F4	L OVER CENTER FLAP MECH	1451B	LFEBFB	LFEBF	2	
F4	R OVER CENTER MECHANISM	1451B	RFERFB	RFERF	2	
F4	L DOOR LEADING EDGE FLAP	1451D	LFEBFC	LFEBF	1	
F4	R DOOR LE FLAP	1451D	RFERFC	RFERF	1	
F4	L ACTUATOR, INBD LE FLAP	1455F	LFEBFE	LFEBF	A	
F4	R ACTUATOR, INBD LE FLAP	1455F	RFERFE	RFERF	A	
F4	L HYDRAULIC CHECK VALVE	1455M	LFEBFF	LFEBF	2	
F4	R HYDRAULIC CHECK VALVE	1455M	RFERFF	RFERF	2	
F4	L HYDRAULIC RESTRICTOR	1455Q	LFEBFG	LFEBF	2	
F4	R HYDRAULIC RESTRICTOR	1455Q	RFERFG	RFERF	2	
F4	L FLAP HYDRAULIC SWIVELS	1455L	LFEBFH	LFEBF	2	
F4	R FLAP HYDRAULIC SWIVELS	1455L	RFERFH	RFERF	2	
F4	LEFT LE CENTER ACTUATION		LFEBG	LFEBG		AAAAAAAAAA
F4	RIGHT LE CENTER ACTUATION		RFERG	RFERG		AAAAAAAAAA
F4	L LE CENTER ACTUATOR	1455G	LFEBGA	LFEBG	A	
F4	R ACTUATOR CENTER LE	1455G	RFERGA	RFERG	A	
F4	L HYDRAULIC CHECK VALVE	1455M	LFEBGB	LFEBG	2	
F4	R HYDRAULIC CHECK VALVE	1455M	RFERGB	RFERG	2	
F4	L HYDRAULIC RESTRICTOR	1455Q	LFEBGC	LFEBG	2	
F4	R HYDRAULIC RESTRICTOR	1455Q	RFERGC	RFERG	2	
F4	L FLAP HYDRAULIC SWIVELS	1455L	LFEBGD	LFEBG	2	
F4	R FLAP HYDRAULIC SWIVELS	1455L	RFERGD	RFERG	2	
F4	LEFT LE OUTBD ACTUATION		LFEBH	LFEBD		AAAAAAAAAA
F4	RIGHT LE OUTBD ACTUATION		RFERH	RFERD		AAAAAAAAAA
F4	L OUTBD LE FLAP ACTUATOR	1455H	LFERHA	LFEBH	A	
F4	R OUTBOARD LE FLAP ACTUAT	1455H	RFERHA	RFERH	A	
F4	L HYDRAULIC CHECK VALVE	1455M	LFERHB	LFEBH	2	
F4	R HYDRAULIC CHECK VALVE	1455M	RFERHB	RFERH	2	
F4	L HYDRAULIC RESTRICTOR	1455Q	LFEBHC	LFEBH	2	
F4	R HYDRAULIC RESTRICTOR	1455Q	RFERHC	RFERH	2	
F4	L FLAP HYDRAULIC SWIVELS	1455L	LFEBHD	LFEBH	2	
F4	R FLAP HYDR SWIVELS	1455L	RFERHD	RFERH	2	
F4	FLAP ACTIVATION		FEBJ	FEB		SAAAAAAAAAA
F4	FLAP ACTIVATION		FEBJ	LFEBF		FAAAAAAAAAA

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 FLAP ACTIVATION FEBJ RFEHE FAAAAAAAAA
F4 FLAP ACTIVATION FEBJ LFEBF FAAAAAAAAA
F4 FLAP ACTIVATION FEBJ RFEBF FAAAAAAAAA
F4 FLAP ACTIVATION FEBJ LFEBG FAAAAAAAAA
F4 FLAP ACTIVATION FEBJ RFEBG FAAAAAAAAA
F4 FLAP ACTIVATION FEBJ LFEBH FAAAAAAAAA
F4 FLAP ACTIVATION FEBJ RFEBH FAAAAAAAAA
F4 VALVE, SOLENOID SELECTOR 1455B FEBJA FEBJ 2
F4 FLOW DIVIDER 1455C FEBJB FEBJ 2
F4 VALVE, SOLENOID SELECTOR 1455D FEBJC FEBJ 2
F4 FLAP DUMP VALVE 1455E FEBJD FEBJ 2
F4 ELECTRIC CONTROL FEBK FEBM AAAAAAAAAA
F4 SWITCH FLAP BLOWUP AIR SP1455N FEBKA FEBK A
F4 SWITCH FLAPUP IMIT 8 FA. 1455P FEBKB FEBK A
F4 NORMAL EMER INITIATE FEBL FEBJ SAAAAAAAAA
F4 NORMAL/EMER INITIATE FEBL FEBK FAAAAAAAAA
F4 NORMAL OR EMERG INITIATE FEBL FEBP FAAAAAAAAA
F4 CONT ASSY FLAP NORM EMERG1455A FEBLA FERL A
F4 HYDRAULIC DIST FEBM FERJ FERP 11111111
F4 VALVE EMERG FLAP AIR SEL 1456A FEBMA FEBP A
F4 AIR STORAGE BOTTLE 1456B FEBMB FEBP A
F4 EMERGENCY FLAP LINE 1456D FEBMC FEBP A
F4 SHUTTLE VALVES 1456E FEBMD FEBP A
F4 28 VDC FEBN FERK AAAAAAAAAA
F4 PNEUMATIC DIST FEBP FEBJ K FEBM AAAAAAAAAA
F4 FLAPS FEC FE AAAAAAAAAA
F4 FLAPS FEC FEA FAAAAAAAAA
F4 HALF FLAPS FED LFEAAL FAAAAAAAAA
F4 HALF FLAPS FED RFEAAE FAAAAAAAAA
F4 HALF FLAPS FED LFEAAF FAAAAAAAAA
F4 HALF FLAPS FED RFEAAF FAAAAAAAAA
F4 FULL FLAPS FED FEC 22222222
F4 FULL FLAPS FEE LFEAAD FAAAAAAAAA
F4 FULL FLAPS FEE RFEAAD FAAAAAAAAA
F4 FULL FLAPS FEE LFEAAE FAAAAAAAAA
F4 FULL FLAPS FEE RFEAAE FAAAAAAAAA
F4 FULL FLAPS FEE LFEAAF FAAAAAAAAA
F4 FULL FLAPS FEE RFEAAF FAAAAAAAAA
F4 FULL FLAPS FEE FEC 11111111
F4 AFCS PITCH CONTROL FFA FAK 22222222
F4 CONTROL AMPLIFIER FFAA FFA AAAAAAAAAA
F4 AMPLIFIER, SERVO, PITCH 522EA FFAAA FFAA A
F4 AMPLIFIER, SYNC DR, PITCH 522EE FFAAB FFAA A
F4 AMPLIFIER, CANG, PITCH RT 522EJ FFAAC FFAA A
F4 AMPLIFIER, SYNC DR, PITCH 522FH FFAAD FFAA A
F4 ASSY, SYNC DR, PITCH 2SP 522EQ FFAAE FFAA A
F4 ATTENUATOR, ADUER 522EL FFAAF FFAA A
F4 SYNC DRIVE ASSY, PITCH 522EN FFAAG FFAA A
F4 PITCH RATE GYRO FFAB FFAA AAAAAAAAAA
F4 RATE GYRO *PITCH= 52290 FFABA FFAB A

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FLIGHT SAFETY PREDICTION TECHNIQUE

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0000000011111111222222222333333333444444444555555555666666666777777777
1234567890123456789012345678901234567890123456789012345678901234567890
F4 STICK MOTION SENSING FFAC FFAA AAAAAAAAAA
F4 STICK MOTION SENSING FFAC FFCA AAAAAAAAAA
F4 STICK MOTION SENSING FFAC FFE FAAAAAAAAA
F4 TRANSDUCER,MOTIONAL PK&UP522B0 FFACA FFAC A
F4 PITCH SENSING FFAF FFA AAAAAAAAAA
F4 RFLAY AUTOP,PITCH,NOSE UP522C0 FFAFA FFAF A
F4 RELAY AUTOP,PITCH,NOSE UN522D0 FFAFB FFAF A
F4 ELECTRICAL EQUIP RACK 522F0 FFAX FFA 2
F4 CONTROL AMPLIFIER 522E0 FFAY FFA 8
F4 SYNCH DRIVE AMPLIFIER 522EG FFAZ FFA 5
F4 AFCS YAW CONTROL FFB FBB 001111100
F4 CONTROL AMPLIFIER FFBA FFB AAAAAAAAAA
F4 CONTROL AMPLIFICATION FFBA FFHW AAAAAAAAAA
F4 AMPLIFIER,SERVO,YAW 522Eb FFBAA FBA A
F4 AMPLIFIER,CANC ,YAW RATE522FK FFBAB FBA A
F4 RH ARI ROLL SENSOR FFB B FFBW AAAAAAAAAA
F4 RH ARI ROLL SENSOR 99142 FFBBA FBB A
F4 LATERAL ACCELEROMETER FFB FFB 555555555
F4 AIRCRAFT ACCEL 'LATERAL= 52250 FFB CA FFB A
F4 YAW RATE GYRO FFB FFB 555555555
F4 RATE GYRO 'YAW= 52280 FFBDA FFB A
F4 FLAP DOWN SENSING FFBV FBP AAAAAAAAAA
F4 FLAP HALF DOWN LIM SWITCH 1455P FFBVA FBV 1
F4 FLAP BLOWUP SWITCH 1455A FFBVB FBV 1
F4 FLAP CONTROL HANDLE 1455A FFBVC FBV 1
F4 ARI / ATAB AUG FFBW FBP 333333333
F4 ELECTRICAL EQUIPMENT RACK 522F0 FFBX FBA 2
F4 AFCS ROLL CONTROL FFC FCY 222222222
F4 CONTROL AMPLIFIER FFCA FFC AAAAAAAAAA
F4 AMPLIFIER,SERVO,ROLL RGT522EC FFCAA FFCA 1
F4 AMPLIFIER,SERVO,ROLL LFT522ED FFCAB FFCA 1
F4 AMPLIFIER,SYNC DR, ROLL 522EF FFCAC FFCA A
F4 ASSY,SYNC DR, ROLL 522EP FFCAY FFCA A
F4 ASSY,SYNC DR, COURSE 522EM FFCZ FFCA A
F4 ROLL RATE SENSED FFCB FFCA 055555550
F4 RATE GYRO 'ROLL= 52270 FFCBA FCB A
F4 ELECTRICAL EQUIPMENT RACK 522FG FFCX FFCA 2
F4 CONTROL AMPLIFIER 522EQ FFCY FFCA 8
F4 SYNCH DRIVE AMPLIFIER 522EG FFCZ FFCA 5
F4 ADDER ATTENUATOR 522EL FFCZA FFCA A
F4 ARI RUDDER ACTUATION FFD FBP 666666666
F4 ARI SERVO AMPLIFICATION FFD FFD AAAAAAAAAA
F4 ARI AMPLIFIER 5211A FFDAA FFD A
F4 ARI SERVO AMPLIFIER 5211L FFDAB FFD A
F4 LH ARI ROLL SENSOR FFD FFD 0AAAAAAAAA
F4 LH ARI POSITION TRANSDUC 99142 FFD BA FFD A
F4 AFCS ENGAGE/DISENGAGE SELECT FFE DCS FAAAAAAAAA
F4 AFCS ENGAGE/DISENGAGE SELECT FFE DCT FAAAAAAAAA
F4 AFCS ENGAGE/DISENGAGE FFE FFA AAAAAAAAAA
F4 AFCS ENGAGE/DISENGAGE FFE FFB AAAAAAAAAA

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FLIGHT SAFETY PREDICTION TECHNIQUE

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 AFCS ENGAGE/DISENGAGE FFE FFC AAAAAAAAAA
F4 ACCEL G-LIMIT SENSED FFEA FFF AAAAAAAAAA
F4 G LIMIT ACCELEROMETER 52240 FFEAX FFEA A
F4 AFCS MANUAL DISCONNECT FFEF FFE AAAAAAAAAA
F4 CONTROLLER,ENGAGING,AUTOP522A0 FFEBA FFEF A
F4 EMERGENCY DISCONNECT ARI FFF FBP OAAAAAAAAO
F4 FWD STICK-GRIP 1411A FFFA FFF A
F4C 28 VDC LEFT FFG FFD AAAAAAAAAA
F4D 28 VDC LEFT FFG FFD AAAAAAAAAA
F4R 28 VDC LEFT FFG FFD AAAAAAAAAA
F4 115 VAC 3 PHASE FFJ FFD AAAAAAAAAA
F4 28VDC RH FFK FFD AAAAAAAAAA
F4E FLAP/SLAT LIFT AUGMENT FS FE AAAAAAAAAA
F4E FLAPS EXTENDED FSA FS 555555555
F4E FLAPS EXTENDED FSA FSX FAAAAAAAAAA
F4E FLAPS RETRACTED FS FSA 000010000
F4E FLAPS RETRACTED FSX FAAAAAAAAAA
F4E FLAP RETRACT LINE 9914D LFSAAZ FSAA 5
F4E FLAP RETRACT LINE 9914D RFSAAZ FSAA 5
F4E FLAP ACTUATION FSAB FSA AAAAAAAAAA
F4E FLAP ACTUATION FSAB FSAA FAAAAAAAAAA
F4E RETURN LINE CHECK VALVE 9914K FSABV FSAB 1
F4E TE FLAP SOL SELECT VALVE 1455D FSABVZ FSAB A
F4E DUMP LINE CHECK VALVE 1455M FSABW FSAB 1
F4E FLAP FLOW DIVIDER 1455C FSABX FSAB 8
F4E FLAP LINE RESTRICTORS 2EA1455Q FSABY FSAB 2
F4E TIE FLAP SOL SELECT VALVE1455B FSABZ FSAB A
F4E FLAP SKIN LOWER 1454D LFSACP FSAB 1
F4E FLAP SKIN LOWER 1454D RFSACP FSAB 1
F4E FLAP SKIN UPPER 1454C LFSACQ FSAB 1
F4E FLAP SKIN UPPER 1454C RFSACQ FSAB 1
F4E HYDRAULIC SWIVELS 2EA 1455L LFSACR FSAB 2
F4E HYDRAULIC SWIVELS 2EA 1455L RFSACR FSAB 2
F4E TIE FLAP HONEYCOMB 1454A LFSACS FSAB 5
F4E TIE FLAP HONEYCOMB 1454A RFSACS FSAB 5
F4E TIE FLAP ASSY 14540 LFSACT FSAB A
F4E TIE FLAP ASSY 14540 RFSACT FSAB A
F4E HINGE PIN RETAINER 9914L LFSACU FSAB 7
F4E HINGE PIN RETAINER 9914L RFSACU FSAB 7
F4E HINGE PIN 9914M LFSACV FSAB 5
F4E HINGE PIN 9914M RFSACV FSAB 5
F4E INB'D HARDPOINT ASSY 9914N LFSACW FSAB 3
F4E INB'D HARDPOINT ASSY 9914N RFSACW FSAB 3
F4E OUTB'D HARDPOINT ASSY 9914P LFSACX FSAB 3
F4E OUTB'D HARDPOINT ASSY 9914P RFSACX FSAB 3
F4E TIE FLAP ACTUATOR 1455E LFSACY FSAB A
F4E TIE FLAP ACTUATOR 1455E RFSACY FSAB A
F4E SHUTTLE VALVE 1456E LFSACZ FSAB 5
F4E SHUTTLE VALVE 1456E RFSACZ FSAB 5
F4E FLAP EXTEND ACTIVATION FSAD FSA AAAAAAAAAA

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1234567890123456789012345678901234567890123456789012345678901234567890
F4E FLAP RETRACT LIM SWITCH 1455P LFSADZ FSAD 5
F4E FLAP RETRACT LIM SWITCH 1455P RFSADZ FSAD 5
F4E EMERGENCY FLAP ACTIVATION FSAE FSAD K FSD AAAAAOAAAA
F4E SHUTTLE VALVE 1456E LFSAEZ FSAE A
F4E SHUTTLE VALVE 1456E RFSAEZ FSAE A
F4E SLATS EXTENDED FSB FS 555555555
F4E SLATS EXTENDED FSB FS FAAAAAAAAA
F4E SLATS RETRACTED FSB FS 000010000
F4E SLATS RETRACTED FSB FS FAAAAAAAAA
F4E SLAT ACTUATION FSB FS AAAAAAAAAA
F4E SLAT ACTUATION FSB FS FAAAAAAAAA
F4E INB'D SLAT SURFACES EXTND FSBFA FSRB 777777777
F4E SLAT SKIN LOWER 148AC LFSHBAF FSHBA 1
F4E SLAT SKIN LOWER 148AC RFSBBAF FSHBA 1
F4E SLAT SKIN UPPER 148AB LFSBBAG FSBBA 1
F4E SLAT SKIN UPPER 148AB RFSBBAG FSHBA 1
F4E PRE-LOAD PAD 148AK LFSBBAH FSBBA 0
F4E PRE-LOAD PAD 148AK RFSBBAH FSHBA 0
F4E SLIDER FITTING 148AJ LFSBBAJ FSHBA 3
F4E SLIDER FITTING 148AJ RFSBBAJ FSHBA 3
F4E INB'D SLAT OUT CLOSURE 148AH LFSBBAK FSBBA 1
F4E INB'D SLAT OUT CLOSURE 148AH RFSBBAK FSBBA 1
F4E INB'D SLAT CLOSURE 148AG LFSBBAL FSBBA 1
F4E INB'D SLAT CLOSURE 148AG RFSBBAL FSBBA 1
F4E TRAILING EDGE 148AF LFSBBAM FSBBA 2
F4E TRAILING EDGE 148AF RFSBBAM FSHBA 2
F4E SLAT SPAR 148AE LFSBBAN FSBBA 1
F4E SLAT SPAR 148AE RFSBBAN FSHBA 1
F4E BEAM INTERMEDIATE 148AD LFSBBAP FSHBA 1
F4E BEAM INTERMEDIATE 148AD RFSBBAP FSHBA 1
F4E SLAT ASSY INB'D 148AQ LFSBBAQ FSBBA A
F4E SLAT ASSY INB'D 148AQ RFSBBAQ FSHBA A
F4E INB'D SLAT BELL CRANK 3EA148DR LFSBBAR FSBBA 5
F4E INB'D SLAT BELL CRANK 3EA148DR RFSBBAR FSBBA 5
F4E SWIVEL 148DU FSBBA FSHBA 5
F4E INB'D SLAT EXTEND LINE 9914Y LFSBBAS FSBBA 5
F4E INB'D SLAT EXTEND LINE 9914Y RFSBBAS FSBBA 5
F4E INB'D SLAT OC SPRING CART 148DL LFSBBAT FSBBA 2
F4E INB'D SLAT OC SPRING CART 148DL RFSBBAT FSHBA 2
F4E INB'D SLAT P-P RODS 6ES 148DT LFSBBAU FSHBA 1
F4E INB'D SLAT P-P RODS 6ES 148DT RFSBBAU FSHBA 1
F4E INB'D SLAT FOLLOW LINK 3E148DS LFSBBAV FSBBA 2
F4E INB'D SLAT FOLLOW LINK 3E148DS RFSBBAV FSBBA 2
F4E INB'D SLAT DRIVE LINK 6EA148DS LFSBBAW FSBBA 1
F4E INB'D SLAT DRIVE LINK 6EA148DS RFSBBAW FSHBA 1
F4E INB'D SLAT DRIVE CNX 2EA 148DS LFSBBAX FSBBA 2
F4E INB'D SLAT DRIVE CNX 2EA 148DS RFSBBAX FSBBA 2
F4E INB'D SLAT RESTRICTOR 3EA148DP LFSBBBZ FSBBA 2
F4E INB'D SLAT RESTRICTOR 3EA148DP RFSBBBZ FSBBA 2
F4E OUTB'D SLAT SURFACE EXTND FSBFB FSB 333333333

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F4E	OWS OUTWARD SLAT SKIN	148CB	LFSH8BA	FS88B	1
F4E	OWS OUTWARD SLAT SKIN	148CB	RFS88BA	FS88B	1
F4E	SWIVEL	148DQ	FS88BB	FS88B	5
F4E	SLAT SKIN	1488R	LFS88BB	FS88B	1
F4E	SLAT SKIN	1488B	RFS88BB	FS88B	1
F4E	SLAT SEGMENT PIVOT ASSY	148CE	LFS88BC	FS88B	3
F4E	SLAT SEGMENT PIVOT ASSY	148CE	RFS88BC	FS88B	3
F4E	SLAT ACTUATOR FITTING	148CD	LFS88BD	FS88B	5
F4E	SLAT ACTUATOR FITTING	148CD	RFS88BD	FS88B	5
F4E	SLAT SEGMENT TRAILING EDGE	148CC	LFS88BE	FS88B	1
F4E	SLAT SEGMENT TRAILING EDGE	148CC	RFS88BE	FS88B	1
F4E	CENTER BEAM	148CA	LFS88BF	FS88B	1
F4E	CENTER BEAM	148CA	RFS88BF	FS88B	1
F4E	SLAT SEGMENT OUT'RD ASSY	148CC	LFS88BG	FS88B	5
F4E	SLAT SEGMENT OUT'RD ASSY	148CC	RFS88BG	FS88B	5
F4E	SLAT SEGMENT CLOSURE	148FF	LFS88BH	FS88B	1
F4E	SLAT SEGMENT CLOSURE	148FF	RFS88BH	FS88B	1
F4E	SLAT SEGMENT PIVOT ASSY	148BE	LFS88BJ	FS88B	3
F4E	SLAT SEGMENT PIVOT ASSY	148BE	RFS88BJ	FS88B	3
F4E	SLAT ACTUATOR FITTING	148BD	LFS88BK	FS88B	5
F4E	SLAT ACTUATOR FITTING	148BD	RFS88BK	FS88B	5
F4E	SLAT SEGMENT TRAILING EDGE	148BC	LFS88BL	FS88B	1
F4E	SLAT SEGMENT TRAILING EDGE	148BC	RFS88BL	FS88B	1
F4E	CENTER BEAM	148BA	LFS88BM	FS88B	1
F4E	CENTER BEAM	148BA	RFS88BM	FS88B	1
F4E	SLAT SEG OWS INB'D	148BO	LFS88BN	FS88B	3
F4E	SLAT SEG OWS INB'D	148BO	RFS88BN	FS88B	3
F4E	OUTB'D SLAT SUPPRT FITTG	9914S	LFS88BP	FS88B	3
F4E	OUTB'D SLAT SUPPRT FITTG	9914S	RFS88BP	FS88B	3
F4E	OUTB'D SLAT DRIVE LINK 6E	148DS	LFS88BQ	FS88B	1
F4E	OUTB'D SLAT DRIVE LINK 6E	148DS	RFS88BQ	FS88B	1
F4E	OUTB'D SLAT SEC STOP BOLT	9914T	LFS88BR	FS88B	1
F4E	OUTB'D SLAT SEC STOP BOLT	9914T	RFS88BR	FS88B	1
F4E	OUTB'D SLAT PRIM STOP BLT	9914U	LFS88BS	FS88B	1
F4E	OUTB'D SLAT PRIM STOP BLT	9914U	RFS88BS	FS88B	1
F4E	OUTB'D SLAT EXTND LINE	9914W	LFS88BT	FS88B	5
F4E	OUTB'D SLAT EXTND LINE	9914W	RFS88BT	FS88B	5
F4E	OUTB'D OC SPRING CART	148DK	LFS88BU	FS88B	2
F4E	OUTB'D OC SPRING CART	148DK	RFS88BU	FS88B	2
F4E	OUTB'D SLAT BELLCRNKS 4EA	148DR	LFS88BV	FS88B	5
F4E	OUTB'D SLAT BELLCRNKS 4EA	148DR	RFS88BV	FS88B	5
F4E	OUTB'D SLAT P-P RODS 6EA	148DT	LFS88BW	FS88B	1
F4E	OUTB'D SLAT P-P RODS 6EA	148DT	RFS88BW	FS88B	1
F4E	OUTB'D SLAT CNX LINKS 2FA	148DS	LFS88BX	FS88B	2
F4E	OUTB'D SLAT CNX LINKS 2FA	148DS	RFS88BX	FS88B	2
F4E	OUTB'D SLAT ACTUATORS	148DJ	LFS88BY	FS88B	A
F4E	OUTB'D SLAT ACTUATORS	148DJ	RFS88BY	FS88B	A
F4E	OUTB'D SLAT RESTRICTR 2EA	148DP	LFS88BZ	FS88B	2
F4E	OUTB'D SLAT RESTRICTR 2EA	148DP	RFS88BZ	FS88B	2
F4E	SLAT EXTEND CHK VALVE	148DN	FS88W	FS88B	1

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F4E	SLAT SOLENOID SELECT VALV	148DA	FSBBX	FSBB	8
F4E	RETURN LINE CHECK VALVE	9914Z	FSBBY	FSBH	1
F4E	INB'D SLAT ACTUATORS	148DH	LFSHBY	FSBBA	A
F4E	INB'D SLAT ACTUATORS	148DH	RFSBBY	FSBBA	A
F4E	FLOW DIVIDER/EQUALIZER	148DM	FSB8Z	FSBB	8
F4E	SLAT EXTND ACTIVATION		FSBD	FSB	AAAAA
F4E	SLAT EXTND ACTIVATION		FSBD	FSZ	AAAAA
F4E	SLAT OVER RIDE SWITCH	148DE	FSBDX	FSBD	A
F4E	SLAT UP LIMIT SWITCH INBD	148DF	LFSHDY	FSBD	5
F4E	SLAT UP LIMIT SWITCH INBD	148DF	RFSHDY	FSBD	5
F4E	SLAT UP LIMIT SWITCH OUTBD	148DG	LFSBDZ	FSBD	5
F4E	SLAT UP LIMIT SWITCH OUTBD	148DG	RFSBDZ	FSBD	5
F4E	EMERGENCY SLAT ACTIVATION		FSBE	FSBD	K FSC AAAAA
F4E	OUTB'D SLAT SHUTTLE VALVE	9914Q	LFSBEY	FSBE	A
F4E	OUTB'D SLAT SHUTTLE VALVE	9914Q	RFSBEY	FSBE	A
F4E	INB'D SLAT SHUTTLE VALVE	9914R	LFSBEZ	FSBE	A
F4E	INB'D SLAT SHUTTLE VALVE	9914R	RFSBEZ	FSBE	A
F4E	SLAT ACTIVATION		FSC	FS	FSBE S111151111
F4E	NORMAL SLAT ACTIVATION		FSC	FSBA	FAAAAAA
F4E	NORMAL SLAT ACTIVATION		FSC	FSBD	FSBE F1111A1111
F4E	FLAP ACTIVATION		FSD	FS	FSAE S111151111
F4E	NORMAL FLAP ACTIVATION		FSD	FSA	FSAE FAAAAA
F4E	NORMAL FLAP ACTIVATION		FSD	FSA	FSAE F1111A1111
F4E	FLAP/SLAT MODE CONTROLLED		FSDC	FS	S1111A1111
F4E	FLAP/SLAT MODE CONTROLLED		FSDC	FSC	FAAAAAA
F4E	FLAP/SLAT MODE CONTROLLED		FSDC	FSD	FAAAAAA
F4E	ELECTRONIC CONTROL UNIT	148DB	FSDCZ	FSDC	4
F4E	AUTOMATIC CONTROL SELECT		FSDC	FSDC	FSDC 003333320
F4E	ANGLE OF ATTACK INPUTS		FSDDA	FSDD	AAAAA
F4E	ANGLE/ATTACK TRANSMITTER	513B0	FSDAA	FSDDA	A
F4E	AIR SPED CONTROL INPUT		FSDDB	FSDD	AAAAA
F4E	SLAT AIRSPEED SWITCH	148DD	FSDDBY	FSDDB	8
F4E	FLAP AIRSPEED SWITCH	1455N	FSDDBZ	FSDDB	8
F4E	FLAP/SLAT NORM SELECTED		FSDDC	FSDD	AAAAA
F4E	SLAT/FLAP CONTROL SWITCH	1455A	FSDDCZ	FSDDC	A
F4E	MANUAL CONTROL SELECTED		FSDE	FSDC	000000020
F4E	MANUAL CONTROL SELECTED		FSDE	FSDC	K FSDD 00AAAAA
F4E	PILOT ACTION		FSDEC	FSDE	AAAAA
F4E	SLAT/FLAP CONTROL SWITCH	1455A	FSDEY	FSDE	1
F4E	SLAT/FLAP CONTROL SWITCH	1455A	FSDEZ	FSDE	1
F4E	EMERGENCY PRESSR ENABLE		FSEP	FSAE	AAAAA
F4E	EMERGENCY PRESSURE ENABLE		FSEP	FSBE	AAAAA
F4E	LINE BL FITTING TO VALVE	9914E	FSEPPQ	FSEP	5
F4E	SCREENED LINE FITTING	9914F	FSEPR	FSEP	2
F4E	FRNT CKPT CHK VALVE	9914G	FSEPS	FSEP	2
F4E	EMER LINE RELIEF VALVE	9914H	FSEPT	FSEP	3
F4E	300 CU IN AIR BOTTLE	1456B	FSEPU	FSEP	A
F4E	EMER LINECHK VALVE	9914J	FSEPV	FSEP	3
F4E	FLAP/SLAT DUMP VALVE	1455R	FSEPW	FSEP	A
F4E	EMER SLAT/FLAP LINE	1456D	FSEPX	FSEP	5
F4E	LINE BL FITTING TO VALVE	9914E	FSEPPQ	FSEP	5
F4E	SCREENED LINE FITTING	9914F	FSEPR	FSEP	2
F4E	FRNT CKPT CHK VALVE	9914G	FSEPS	FSEP	2
F4E	EMER LINE RELIEF VALVE	9914H	FSEPT	FSEP	3
F4E	300 CU IN AIR BOTTLE	1456B	FSEPU	FSEP	A
F4E	EMER LINECHK VALVE	9914J	FSEPV	FSEP	3
F4E	FLAP/SLAT DUMP VALVE	1455R	FSEPW	FSEP	A
F4E	EMER SLAT/FLAP LINE	1456D	FSEPX	FSEP	5

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F4E EMER SLAT/FLAP SELECT VALV1456A FSEPY FSEP A
F4E FLAP SLAT EMER HANDLE FRONT1455A FSEPZ FSEP 1
F4E FLAP SLAT EMER HANDLE REAR1455A FSEPZA FSEP 1
F4E HYDRAULIC PRESS DISTRIBUTED FSHF FS 51111A1111
F4E HYDRAULIC PRESS DISTRIBUTED FSHF FSC FAAAAAAAAA
F4E HYDRAULIC PRESS DISTRIBUTED FSHF FSD FAAAAAAAAA
F4E FLAP POSITION INDICATED FSX FEBP 11111111
F4E FLAP POSITION INDICATED FSX FEBP 11111111
F4E FLAP POSITION INDICATED FSX FEBP 11111111
F4E FLAP POSITION INDICATED FSX FSDEC 11111111
F4E FLAP POSITION INDIC REAR 1455J FSXX FSX 0
F4E FLAP POSITION INDIC FRONT 1455J FSXY FSX 2
F4E SLAT POSITION INDICATED FSY FSDEC 11111111
F4E SLAT POS INDIC REAR 148DC FSY 0
F4E SLAT POS INDIC FRONT 148DC FSYZ 2
F4E SLAT ENABLE STATUS FSZ FSDEC 00000000
F4E SLAT O/R STATUS LIGHT RR 9914C FSZY FSZ 0
F4E SLAT O/R STATUS LIGHT FRONT 9914C FSZZ FSZ 2
F4E GROUND CONTROL G AAAAAAAAAA
F4E SPEED CONTROL GROUND GA C 00000000
F4E SPEED CONTROL GA GAX 50000000
F4E BRAG INFLATE GA 00000000
F4E BRAG CHUTE INFLATION GA S 00000000
F4E BRAG CHUTE 9321B GAA A
F4E PARACHUTE CANOPY 9321J GAAB 5
F4E BRAG CHUTE EXTRACT DEPLOY GAAC AAAAAA
F4E CONTAINER 9321A GAACA 1
F4E PILOT CHUTE 9321G GAACH A
F4E DEPLOYMENT BAG 9321H GAACC A
F4E BRAG CHUTE ACTUATION GAAD AAAAAA
F4E LOCK MECHANISM 9311B GAADA A
F4E KEEPER RELEASE MECH 9311C GAADB A
F4E KEEPER RELEASE 9311C GAADB A
F4E DOOR 9321C GAADC A
F4E ACTUATOR 9321D GAADD A
F4E DOOR HINGE 9321E GAADF 1
F4E DOOR LATCH MECH 9321F GAADF A
F4E BRAG CHUTE CONT. MODE SEL. GAAD AAAAAA
F4E GAAD AAAAAA
F4E HANDLE BRAG CHUTE 9311A GAEE 5
F4E WHEEL BRAKE ACTUATION GAR A5000001A
F4E WHEEL BRAKE ACTUATION GAB GA K GAA 00000000
F4E WHEEL BRAKE ACTUATION GAB K GBA AC000000A
F4E PRESSURE PLATE ASSY 1344A LGABAA A
F4E PRESSURE PLATE ASSY 1344A RGABAA A
F4E DRIVE TUBE ASSY 1344C LGABAC A
F4E DRIVE TUBE ASSY 1344C RGABAC A
F4E HOUSING ASSY 1344J LGABAJ A
F4E HOUSING ASSY 1344J RGABAJ 8
F4E BACK PLATE ASSY 1344K LGABAK GAB 3
F4E GAB A

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F4 BACK PLATE ASSY	1344K	RGABAK	GAB	A
F4 ROTATING DISC 8 EACH	1344L	LGABAL	GAB	1
F4 ROTATING DISC 8 EACH	1344L	RGABAL	GAB	1
F4 STATIONARY DISC 7 EACH	1344M	LGABAM	GAB	1
F4 STATIONARY DISC 7 EACH	1344M	RGABAM	GAB	1
F4 INNER TORQUE TUBE	1344N	LGABAN	GAB	A
F4 INNER TORQUE TUBE	1344N	RGABAN	GAB	A
F4 BEARINGS	1344P	LGABAP	GAB	A
F4 BEARINGS	1344P	RGABAP	GAB	A
F4 ANTI-SKID CONTROL		GABAS	UCE	FAAAAAAAAA
F4 ANTI SKID CONTROL		GABAS	GABN	11111111
F4 VALVE ANTISKID CONT.	1343A	GABASA	GABAS	A
F4 BOX CONTROL	1343B	GABASB	GABAS	A
F4 CONTROLLED ACTIVATION		GABB	GAB	AAAAAAAA
F4 VALVE BRAKE CONTROL	1341A	LGABBA	GABH	A
F4 VALVE BRAKE CONTROL	1341A	RGABBA	GABH	A
F4 INLINE RELIEF VALVE	1341E	GABBB	GABEH	1
F4 SHUTTLE VALVE	1344H	LGABBC	GABH	A
F4 SHUTTLE VALVE	1344H	RGABBC	GABH	A
F4 DECELERATION SENSING		GABDS	GABAS	AAAAAAAA
F4 ANTISKID SENSOR	1343E	LGABDSA	GABDS	A
F4 ANTISKID SENSOR	1343E	RGABDSA	GABDS	A
F4 EMERGENCY BRAKE ACTIVATION		GABE	GAB K GABN	AAAAAAAA
F4 HYDRAULIC SUPPLY		GABEH	GABE	AAAAAAAA
F4 ACCUMULATOR EMERG. BRAKE	1342E	GABEHA	GABEH	A
F4 PNEUMATIC POWER		GABEP	GABE	AAAAAAAA
F4 EMERG. AIR BOTTLE	1342D	GABEPA	GABEP	A
F4 EMERG. BRAKE SELECT		GABES	GABE	AAAAAAAA
F4 HANDLE EMERG. BRAKE FRNT	1342A	GABESA	GABES	2
F4 HANDLE EMERG. BRAKE REAR	1342A	GABESB	GABES	0
F4 VALVE MANUAL BRAKE CONT.	1342B	GABESC	GABES	A
F4 LINKAGE CONTROL	1342C	GABFSD	GABFS	A
F4 CABLE BRAKE INT CONNCT	1342F	GABESE	GABES	A
F4 BRAKE SELECT		GABM	GABAS	FAAAAAAAAA
F4		GABM	GABH	SAAAAAAAAA
F4		GABM	GABF	FAAAAAAAAA
F4		GABM	GABN	FAAAAAAAAA
F4 BRAKE SELECT		GABM	GABM	A
F4 RUDDER PEDAL LINKAGE	1341B	LGABMA	GABM	A
F4 RUDDER PEDAL LINKAGE	1341B	RGABMA	GABM	A
F4 LH BELLCRANK	1341C	LGABMB	GABM	A
F4 RH BELLCRANK	1341D	RGABMB	GABM	A
F4 NORMAL BRAKE ACTIVATION		GABN	GABB	GABE 22222222
F4 ANTI SKID SELECT		GABSS	GABAS	AAAAAAAA
F4 SWITCH	1343D	GABSSA	GABSS	A
F4 ARRESTING HOOK POSITIOND		GAC	DCC	FAAAAAAAAA
F4		GAC	GA	N 00000010
F4 ARRESTING HOOK POSITIOND		GAC	GA	S 00000010
F4 FAIRING	1352A	GACAA	GAC	0
F4 HORIZ. DAMPER	1351B	GACAB	GAC	3
F4 SHANK ASSY	1352C	GACAC	GAC	A

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F4 VERTICAL DAMPER 1351N GACAN GAC 7
F4 HOOK POINT ASSY 1352B GACAX GAC A
F4 HOOK ACTUATION GACB GAC AAAAAAAAAA
F4 ACTUATING CYLINDER 1351A GACBA GACB A
F4 AIR CHARGE VALVE 1351D GACBD GACB 1
F4 AMNIFOLD AIR OIL FILTER 1351E GACRE GACB 1
F4 UP LATCH INSTLLTN 1351L GACBL GACB 2
F4 HOOK ACTIVATION GACC GACB AAAAAAAAAA
F4 SELECTOR VALVE 1351M GACCM GACC A
F4 SURGE DAMPER 1351P GACCP GACC 1
F4 HOOK CONTROL GACD GACC AAAAAAAAAA
F4 UP LIMIT SWITCH 1353A GACDA GACD 8
F4 HOOK DWD SELECT GACE GACD AAAAAAAAAA
F4 ARREST GEAR LEVER 1351H GACEH GACE A
F4C LEFT MAIN 115VAC DIST. GACLM GABAS AAAAAAAAAA
F4D LEFT MAIN 115VAC DIST. GACLM GABAS AAAAAAAAAA
F4E LEFT MAIN 115VAC DIST. GACLM GABAS AAAAAAAAAA
F4 GACLM GBAU AAAAAAAAAA
F4 DRAG CHUTE JETTISON GAU GA 000000000
F4 JETTISON ACTUATION GADA GAU AAAAAAAAAA
F4 GROUND CONT ATTENUATION GAX G 111111111
F4 DIRECTIONAL CONTROL GB G 110000011
F4 NOSE WHEEL STEERING GBa GA3 110000011
F4 NOSE WHEEL POSITIONING GRA GBAF FAAAAAAAAA
F4 NOSE WHEEL ACTUATION GHAA GRA AAAAAAAAAA
F4 POWER UNIT STEERING 1334B GBAAA GHAA A
F4 PWR STEERING UNIT 1334B GBAAAA GBB A
F4 SERVO VALVE 1334H GBAAAB GRAA A
F4 SYST. ACTIVATION GBAB GBAA AAAAAAAAAA
F4 SELECTOR VALVE 1334J GRABA GRAH A
F4 FILTER 1334F GBAHB GBAH 1
F4 SIGNAL XMISSION GHAC GRAH AAAAAAAAAA
F4 INPUT POT 1334D GBACA GBAC A
F4 CONTROL BOX 1334C GBACH GBAC 8
F4 STEERING CONTROL GHAD GHAC AAAAAAAAAA
F4 STEERING CONTROL GHAD Gbb FAAAAAAAAA
F4 FWD STICK GRIP 1411A GHADB GHAD 2
F4D AFT STICK GRIP 1411L GHADC GHAD 0
F4E AFT STICK GRIP 1411L GHADC GBAU 0
F4F AFT STICK GRIP 1411L GHADC GHAD 0
F4G AFT STICK GRIP 1412B GHADC GHAD 0
F4 MODE SELECT GBAF GBAD AAAAAAAAAA
F4 COMMAND POT 1334M GBAAE GBAE A
F4 POSITION FEED BACK GRAF GHAD AAAAAAAAAA
F4 FOLLOW UP POT 1334L GBAFR GRAF A
F4 COLLAR AND GEAR ASSY 1334K GBAF CBAF A
F4 NOSE WHEEL DAMPING GBB GB C10000010
F4 COMPENSATOR PWR UNIT 1334A GBBA GBB 5
F4C 28VDC LEFT DIST.GRND.CONT. GDCL GABSS AAAAAAAAAA
F4D 28VDC LEFT DIST.GRND.CONT. GDCL GABSS AAAAAAAAAA

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F4R 28VDC LEFT DIST.GRND.CONT.          GDCL          GABSS          AAAAAAAAAA
F4C 28VDC RT.MN.DIST.GRND.CONT          GDCK          GBAD          AAAAAAAAAA
F4D 28VDC RT.MN.DIST.GRND.CONT          GDCK          GBAD          AAAAAAAAAA
F4R 28VDC RT.MN.DIST.GRND.CONT          GDCK          GBAD          AAAAAAAAAA
F4          GUH          GABN          AAAAAAAAAA
F4          GUH          GACC          AAAAAAAAAA
F4          GUH          GHAB          AAAAAAAAAA
F4RGO-NO-GO PITCH ANGLE DETECT 71G2S    GZRAAH        CZR          A
F4 RADOME FAILURE ATTENUATION          JXAAA        AAC          5023333320
F4 LANDING GEAR          L          AA000000AA
F4 EXTEND LANDING GEAR          LA          00000000AO
F4 EXTEND MAIN LANDING GEAR          LAA          AAAAAAAAAA
F4          LAA          LC          F0000000AA
F4 6.MAIN GEAR DOWN/LOCKED          LLAAA        EKK          AAAAAAAAAA
F4 LEFT MLG DOWN AND LOCKED          LLAAA        LAA          AAAAAAAAAA
F4          LLAAA        LAD          FA000000AA
F4 RIGHT MLG DOWN AND LOCKED          RLAAA        LAA          AA000000AA
F4          RLAAA        LAD          FAA00000AA
F4 SWITCH COMPRESSION SAFETY 1314F      LLAAAB        GRAU          5
F4 SWITCH COMPRESSION SAFETY 1314F      LLAAAB        LLAA          5
F4 SWITCH COMPRESSION SAFETY 1314E      RLAAAB        GRAU          5
F4 SWITCH COMPRESSION SAFETY 1314E      RLAAAB        RLAA          5
F4 VALVE SEQUENCE MLG L&H 1324C        LLAAAC        LLAA          A
F4 VALVE SEQUENCE MLG L&H 1323C        RLAAAC        RLAA          A
F4 SHOCK STRUT L&H 1322A        LLAAAD        LLAA          A
F4 SHOCK STRUT R&H 1321A        RLAAAD        RLAA          A
F4 SHRINK MECHANISM L&H 1322B        LLAAAE        LLAA          1
F4 SHRINK MECHANISM R&H 1321B        RLAAAE        RLAA          1
F4 VALVE SHUTTLE L&H 1322D        LLAAAF        LLAA          A
F4 VALVE SHUTTLE R&H 1321D        RLAAAF        RLAA          A
F4 VALVE SEQUENCE L&H 1322E        LLAAAG        LLAA          A
F4 VALVE SEQUENCE R&H 1321E        RLAAAG        RLAA          A
F4 VALVE RESTRICTOR L&H 1322F        LLAAAH        LLAA          A
F4 VALVE RESTRICTOR R&H 1321F        RLAAAH        RLAA          A
F4 UPLOCK MECHANISM L&H 1322G        LLAAAJ        LLAA          A
F4 UPLOCK MECHANISM R&H 1321G        RLAAAJ        RLAA          A
F4 CYLINDER UPLOCK L&H 1322H        LLAAAK        LLAA          A
F4 CYLINDER UPLOCK R&H 1321H        RLAAAK        RLAA          A
F4 LINK TORQUE L&H 1322K        LLAAAL        LLAA          5
F4 LINK TORQUE R&H 1321K        RLAAAL        RLAA          5
F4 DRAG BRACE ASSY L&H 1322L        LLAAAM        LLAA          A
F4 DRAG BRACE ASSY R&H 1321L        RLAAAM        RLAA          A
F4 ACTUATOR SIDE BRACE L&H 1322M        LLAAAN        LLAA          A
F4 ACTUATOR SIDE BRACE R&H 1321M        RLAAAN        RLAA          A
F4 LEFT MLG DOORS OPEN          LLAAB        LLAA          AAAAAAAAAA
F4          LLAAB        LAD          FAA0000000
F4 RIGHT MLG DOORS OPEN          RLAAAB        RLAA          AAAAAAAAAA
F4          RLAAAB        LAD          FAAAAAAAAA
F4 CYL ASSY HYD INBD DOOR 1324A        LLAABA        LLAA          A
F4 CYL ASSY HYD INBD DOOR 1323A        RLAAAB        RLAA          A

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F4 CRANK ASSY INBD DOOR	1324B	LLAABB	LLAAB	A
F4 CRANK ASSY INBD DOOR	1323B	RLAABB	RLAAB	A
F4 VALVE SEQUENCE NLG	1324C	LLAABC	LLAAB	A
F4 VALVE SEQUENCE	1323C	RLAABC	RLAAB	A
F4 DOOR GEAR STRUT	1324D	LLAABD	LLAAB	5
F4 DOOR GEAR STRUT	1323D	RLAABD	RLAAB	5
F4 DOOR OUTBD	1324E	LLAABE	LLAAB	5
F4 DOOR OUTBD	1323E	RLAABE	RLAAB	5
F4 DOOR INBD	1324F	LLAABF	LLAAB	5
F4 DOOR INBD	1323F	RLAABF	RLAAB	5
F4 LINK OUTBD	1324G	LLAABG	LLAAB	A
F4 LINK OUTBD	1323G	RLAABG	RLAAB	A
F4 EXTEND NOSE LANDING GEAR		LAB	LA	AAAAAAAAA
F4 NLG DOWN AND LOCKED		LABA	LAB	AA00000AA
F4		LABA	LAE	FAA00000AA
F4 NOSE GEAR DWN. SWITCH	1314C	LABAA	GRAD	A
F4 ACTUATOR NLG DRAG BRACE	1331A	LABAAX	LABA	A
F4 VALVE ASSY UPLATCH SEQUENCE	1331B	LABAB	LABA	A
F4 STRUT NLG	1331C	LABAC	LABA	A
F4 TORQUE ARM	1331D	LABAD	LABA	8
F4 SHUTTLE VALVE	1331E	LABAE	LABA	A
F4C TUBE METERING	1331G	LABAG	LABA	5
F4D TUBE METERING	1331G	LABAG	LABA	5
F4R TUBE METERING	1331G	LABAG	LABA	5
F4 NLG SWIVELS	1331J	LABAJ	LABA	5
F4 VALVE SHUTTLE NLG	1332F	LARAK	LABA	A
F4 NLG DOORS OPEN		LABC	LABA	AAAAAAAAA
F4		LABC	LAE	FAAAAAAAAAA
F4 NLG DOORS OPEN		LABC	LC	F0000000AA
F4 CYL NLG UNLOCK	1332A	LABCA	LABC	A
F4 HOOK ASSY DOOR UPLATCH	1332C	LABCC	LABC	A
F4 LINK ASSY AFT DOOR DRIVE	1332D	LABCD	LABC	A
F4 BELLCRANK UNLOCK MECHNISM	1332B	LABCE	LABC	A
F4 YOKE NLG UPLATCH	1332E	LABCEX	LABC	A
F4 VALVE SHUTTLE NLG	1332F	LABCF	LABC	A
F4 DOOR NLG AFT	1332G	LABCG	LABC	2
F4 DOOR NLG FWD	1332H	LABCH	LABC	2
F4 BELLMOUTH CABLES	1332M	LABCM	LABC	1
F4 BELLMOUTH PULLEYS	1332N	LABCN	LARC	1
F4		LAC	LA	SAAAAAAAAAA
F4 LANDING GEAR ACTUATION DOWN		LAC	LLAAB	FAAAAAAAAAA
F4		LAC	RLAAB	FAAAAAAAAAA
F4		LAC	LABC	FAAAAAAAAAA
F4 EMERGENCY OPERATION LG DOWN		LACA	LAC	K LACF 0000000AO
F4 HI PRESS AIR REG / DIST		LACB	LACA	0000000AO
F4 HANDLE CONTROL	1311A	LACBA	LACB	5
F4 HANDLE EMERGENCY EXTENSION	1315A	LACBB	LACB	5
F4 VALVE EMERGENCY PNEUMATIC	1315B	LACBC	LACB	A
F4 VALVE DUMP	1315E	LACBE	LACB	A
F4 VALVE CHECK	1315F	LACBF	LACB	2

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FLIGHT SAFETY PREDICTION TECHNIQUE

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00000000111111112222222233333333444444445555555566666666777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 VALVE RESTRICTOR 1315G LACBG LACB 2
F4 VALVE RELIEF 1315H LACBH LACB 2
F4 HI PRESS AIR SUPPLY LACC LACB AAAAAAAAAA
F4 BOTTLE AIR 1315C LACCC LACC A
F4 GAGE AIR PRESSURE 1315D LACCD LACC 0
F4 ELECTRICAL SEQUENCE CONTROL LACD EBAG FAAAAAAAAA
F4 ELECTRICAL SEQ CONTROL LACD LACG AAAAAAAAAA
F4 SWITCH CONTROL RELAY 1311B LACDA LACD A
F4 CIRCUIT BREAKER 4211A LACDB LACD A
F4 L. G. MODE SELECT LACE LBBMC AA000000AA
F4 LNDNG GEAR MODE SEL. LACE RBBMC AA000000AA
F4 MODE SELECT LACE LACD AAAAAAAAAA
F4 HANDLE CONTROL 1311A LACEA LACE A
F4 SWIVELS 1311C LACEB LACE A
F4 NORMAL OPERATION LACF LAC LACA 22222222
F4 LACF LBC AAAAAAAAAA
F4 HYD POWER REG / DIST LACG LACF AAAAAAAAAA
F4 VALVE SELECTOR 1312A LACGA LACG A
F4 VALVE RESTRICTOR 1312B LACGB LACG A
F4 SWIVEL 1312C LACGC LACG A
F4 VALVE DUMP 1315E LACGD LACG A
F4 EMERGENCY MODE SELECT LACH LACC AAAAAAAAAA
F4 MLG POS INDICATE / WARNING LAD DCK AAAAAAAAAA
F4 SWITCH MLG DOWN POS INDICATE 1314B LLADA LAD A
F4 SWITCH MLG CLOSE LIMIT L&H 1314A LLADB LAD A
F4 SWITCH MLG DOWN POS INDICATE 1314B RLADC LAD A
F4 SWITCH MLG CLOSE LIMIT R&H 1314A RLADD LAD A
F4 CYL ASSY HYD INBD DOOR R&H 1323A RLADDA RLAAAB A
F4 CRANK ASSY INBD DOOR R&H 1323B RLADDB RLAAAB A
F4 VALVE SEQUENCE MLG R&H 1323C RLADDC RLAAAB A
F4 DOOR GEAR STRUT R&H 1323D RLADDD RLAAAB 5
F4 DOOR OUTBD R&H 1323E RLADDE RLAAAB 5
F4 DOOR INBD R&H 1323F RLADDF RLAAAB 5
F4 LINK OUTBD DOOR R&H 1323G RLADDG RLAAAB A
F4 SWITCH MLG CLOSE LIMIT L&H 1314A LLADE LAD 1
F4 INDICATOR GEAR POSITION 1313A LADF LAD A
F4 SWITCH MLG UP POS INDICATE 1314B LLADF LAD A
F4 WARNING LIGHT GEAR HANDLE 1313B LADG LAD A
F4 NLG POS INDICATE AND WARNING LAE DCK AAAAAAAAAA
F4 SWITCH NLG DWN POS IND 1314C LAEAX LAF A
F4 SWITCH NLG UP POS IND 1314D LAEAY LAE A
F4 INDICATOR GEAR POSITION 1313A LAEF LAE A
F4 WARNING LIGHT GEAR HANDLE 1313B LAEG LAL A
F4 RETRACT LANDING GEAR LH LX 11111111
F4 RETRACT MAIN LANDING GEAR LBA LB AAAAAAAAAA
F4 RETRACT MLG LBA LC F110000000
F4 LLBAA LAD FAAAAAAAAA
F4 LEFT MLG DOORS CLOSED LLBAA LBA AAAAAAAAAA
F4 RLBAALAD FAAAAAAAAA
F4 RIGHT MLG DOORS CLOSED RLBAALBA AAAAAAAAAA

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ARINC RESEARCH CORP ANNAPOLIS MD
DEVELOPMENT OF AIR FORCE FLIGHT SAFETY MODELS. VOLUME 5. F-4D, --ETC(U)
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12345678901234567890123456789012345678901234567890123456789012345678901234567890

F4 CYL ASSY HYD INBD DOOR R&H	1323A	RLBAAA	RLBAA	A
F4 CYL ASSY HYD INBD DOOR L&H	1324A	LLBAAAB	LLBAA	A
F4 CRANK ASSY INBD DOOR R&H	1323B	RLBAAAB	RLBAA	A
F4 CRANK ASSY INBD DOOR L&H	1324B	LLBAAAC	LLBAA	A
F4 VALVE SEQUENCE MLG R&H	1323C	RLBAAAC	RLBAA	A
F4 VALVE SEQUENCE MLG L&H	1324C	LLBAAAD	LLBAA	A
F4 DOOR GEAR STRUT R&H	1323D	RLBAAAD	RLBAA	5
F4 DOOR GEAR STRUT L&H	1324D	LLBAAAE	LLBAA	5
F4 DOOR OUTBD R&H	1323E	RLBAAAE	RLBAA	5
F4 DOOR OUTBD L&H	1324E	LLBAAAF	LLBAA	5
F4 DOOR INBD R&H	1323F	RLBAAAF	RLBAA	5
F4 DOOR INBD L&H	1324F	LLBAAAG	LLBAA	5
F4 LINK OUTBD DOOR R&H	1323G	RLBAAAG	RLBAA	A
F4 LINK OUTBD DOOR L&H	1324G	LLBAAAH	LLBAA	A
F4		LLBAB	LAU	FAAAAAAAAAA
F4 LEFT MLG UP AND LOCKED		LLBAB	LLHAA	AAAAAAAAA
F4 R MLG UP AND LOCKED		RLBAB	EJJ	111111111
F4		RLBAB	LAU	FAAAAAAAAAA
F4 RIGHT MLG UP AND LOCKED		RLBAB	RLBAA	AAAAAAAAA
F4 SWITCH COMPRESSION SAFETY	1314E	LLBABA	LLBAB	A
F4 VALVE SEQUENCE MLG L&H	1324C	LLBABBB	LLRAB	A
F4 SWITCH COMPRESSION SAFETY	1314E	RLBABBB	RLBAB	2
F4 SHOCK STRUT L&H	1322A	LLBABC	LLBAB	A
F4 VALVE SEQUENCE MLG L&H	1323C	RLBABC	RLBAB	A
F4 SHRINK MECHANISM L&H	1322B	LLBABD	LLBAB	5
F4 SHOCK STRUT R&H	1321A	RLBABD	RLBAB	A
F4 VALVE SHUTTLE L&H	1322D	LLBABE	LLBAB	A
F4 SHRINK MECHANISM R&H	1321B	RLBABE	RLBAB	5
F4 VALVE SEQUENCE L&H	1322E	LLBABF	LLBAB	A
F4 VALVE SHUTTLE R&H	1321D	RLBABF	RLBAB	A
F4 VALVE RESTRICTOR L&H	1322F	LLBABG	LLBAB	A
F4 VALVE SEQUENCE R&H	1321F	RLBABG	RLBAB	A
F4 UPLOCK MECHANISM L&H	1322G	LLBABH	LLBAB	A
F4 VALVE RESTRICTOR R&H	1321F	RLBABH	RLBAB	A
F4 CYLINDER UPLOCK L&H	1322H	LLBABJ	LLBAB	A
F4 UPLOCK MECHANISM R&H	1321G	RLBABJ	RLBAB	A
F4 LINK TORQUE L&H	1322K	LLBABK	LLBAB	5
F4 CYLINDER UPLOCK R&H	1321H	RLBABK	RLBAB	A
F4 DRAG BRACE ASSY L&H	1322L	LLBABL	LLBAB	A
F4 LINK TORQUE R&H	1321K	RLBABL	RLBAB	5
F4 ACTUATOR SIDE BRACE L&H	1322M	LLBARM	LLBAB	A
F4 DRAG BRACE ASSY R&H	1321L	RLBARM	RLBAB	A
F4 ACTUATOR SIDE BRACE R&H	1321M	RLBABN	RLBAB	A
F4 RETRACT NOSE LANDING GEAR		LBB	LR	AAAAAAAAA
F4 RETRACT NLG		LBB	LC	F110000000
F4		LBB	LAF	FAAAAAAAAAA
F4 NLG DOORS CLOSED		LBB	LBB	AAAAAAAAA
F4 CYL NLG UPLOCK	1332A	LBBAA	LBB	A
F4 BELLCRANK UPLOCK MECHANISM	1332B	LBBAB	LBB	A
F4 HOOK ASSY DOOR UPLATCH	1332C	LBBAC	LBB	A

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 LINK ASSY AFT DOOR DRIVE 1332D L8BA0 L8BA A
F4 YOKE NLG UPLATCH 1332F L8BAF L8BA A
F4 VALVE SHUTTLE NLG 1332F L8BAF L8BA A
F4 DOOR NLG AFT 1332G L8BAG L8BA 2
F4 DOOR NLG FWD 1332H L8BAH L8BA 2
F4 BELLMOUTH CABLES 1332M L8BAM L8BA 1
F4 BELLMOUTH PULLEYS 1332N L8BAN L8BA 1
F4 NLG UP AND LOCKED L8BB FJJ F111111111
F4 L8BB LAE FAAAAAAAAA
F4 NLG UP AND LOCKED L8BB L8BA AAAAAAAAAA
F4 ACTUATOR NLG DRAG BRACE 1331A L8BBB L8BB A
F4 VALVE ASSY UPLATCH SEQUENCE 1331B L8BBB L8BB A
F4 STRUT NLG 1331C L8BBC L8BB A
F4 TORQUE ARM 1331D L8BRD L8BB 4
F4 SHUTTLE VALVE 1331E L8BBE L8BB A
F4C TUBE METERING 1331G L8BBG L8BB 5
F4D TUBE METERING 1331G L8BBG L8BB 5
F4E TUBE METERING 1331G L8BBG L8BB 5
F4 NLG SWIVELS 1331J L8BBJ L8BB 5
F4 VALVE SHUTTLE NLG 1332F L8BBK L8BB A
F4 LG UP ACTUATION L8C RCU FAAAAAAAAA
F4 L8C LB SAAAAAAAAA
F4 LANDING GEAR ACTUATION UP L8C L8BAB FAAAAAAAAA
F4 L8C RL8AB FAAAAAAAAA
F4 L8C L8BB FAAAAAAAAA
F4 ROLLING SUPPORT LC L 19J00C091
F4 WHEEL MLG L&H 1325A LLCAL LC 8
F4 TIRE MLG L&H 1325D LLCB LC 8
F4 WHEEL MLG R&H 1326A RLCC LC 8
F4 TIRE MLG R&H 1326B RLCD LC 8
F4 WHEEL NLG 1333A LCE LC 2
F4 BEARINGS NLG 1333B LCF LC 2
F4 TIRE NLG L&H 1333C LLCG LC 2
F4 TIRE NLG R&H 1333D RLCH LC 2
F4 PNEU SYS HI PRESS AIR LUP LACC AAAAAAAAAA
F4 UTILITY DC ELECTRICAL SUPPLY LURDC LACD AAAAAAAAAA
F4 RETRACT SENSITIVITY ATT LX L 010000000
F4 MISSION SUPPORT M AAAAAAAAAA
F4 BOMPX/ROCKETS/MISSILES MH M 111111111
F4 SUSPENSION MC MH 121111121
F4 PRIMARY SUSPENSION MCA BCUE FAAAAAAAAA
F4 PRIMARY SUSPENSION MCA BCUH FAAAAAAAAA
F4 PRIMARY SUSPENSION MCA MC AAAAAAAAAA
F4 PRIMARY SUSPENSION MCA MEP FAAAAAAAAA
F4C PRIMARY SUSPENSION MCA MGC FAAAAAAAAA
F4D PRIMARY SUSPENSION MCA MGC FAAAAAAAAA
F4E PRIMARY SUSPENSION MCA MGC FAAAAAAAAA
F4C PRIMARY SUSPENSION MCA MRBC FAAAAAAAAA
F4D PRIMARY SUSPENSION MCA MRBC FAAAAAAAAA
F4E PRIMARY SUSPENSION MCA MRBC FAAAAAAAAA

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FLIGHT SAFETY PREDICTION TECHNIQUE

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F4 SCISSORS SW 1314F MDAA 1
F4 LG OVERRIDE SW 9975A MDAA 1
F4 LG HANDLE SW 1311B MDAA 1
F4 SPECIAL WEAPONS CONTROL MDAB A
F4 DCU-116 CONTROL PANEL 7587C MDAB A
F4 DCU-116 CONTROL PANEL 7587C MDAB A
F4 DCU-116 CONTROL PANEL 7587C MDAB A
F4 TO-709 TIMER 7586C MDAB 3
F4 DCU-9 CONTROL 7585C MDAB 5
F4 DCU-94 CONTROL 7581C MDAB 5
F4 DCU-94 CONTROL 7581C MDAB 5
F4 DCU-94 CONTROL 7581C MDAB 5
F4 SP WPNS FIRE CTS 7562C MDAB 8
F4 SP WPNS FIRE CTS 7562C MDAB 8
F4 SP WPNS FIRE CTS 7562C MDAB 8
F4 SP WPNS RELAY PANEL 7584C MDAB 8
F4 NUC STORES CONSENT SW 7583C MDAB A
F4 CONVENTIONAL WEAPONS MDAC A
F4 CONVENTIONAL WEAPONS MDAC A
F4 CONVENTIONAL WEAPONS MDAC A
F4 CONVENTIONAL WEAPONS NOT R MDAC 000000000
F4 WPN READY LIGHTS 7591H MDAC 0
F4 ARM/SAFE SW 7555C MDAC 0
F4 LAUNCH TRIGGER SW 7554C MDAC 0
F4 PYLON RELAY PANEL 7551C MDAC 2
F4 WIRE HARNESS MULT WPNS 7591K MDAC 1
F4 STATION SELECT SW 7591F MDAC 1
F4 WEAPON SELECT SW 7591E MDAC 8
F4 BOMB CONTROL SW 7582A MDAB A
F4 MASTER ARMSW 7591A MDAB A
F4 MASTER ARMSW 7591A MDAB A
F4 MASTER ARMSW 7591A MDAB A
F4 JETTISON MDR BCUE F11111111
F4 JETTISON MDR RCUH F11111111
F4 JETTISON MDR MD K MDC AAAAAAAAAA
F4 JETTISON MDR MEB F11111111
F4 JETTISON MDR MGC F11111111
F4 JETTISON MDR MGC F11111111
F4 JETTISON MDR MGC F11111111
F4 JETTISON MDR MRBC F11111111
F4 JETTISON MDR MRBC F11111111
F4 JETTISON MDR MRBC F11111111
F4 JETTISON MDR MT F11111111
F4 JETTISON MDR MT F11111111
F4 JETTISON MDR MT F11111111
F4 SELECT MISSILE JETT SW 7561G MDR 1
F4 SELECT MISSILE JETT SW 7561G MDR 1
F4 SELECT MISSILE JETT SW 7561G MDR 1
F4 CENTER STA JETT SW 4641A MDR 1
F4 WING STA JETT SW 4641A MDR 1

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FLIGHT SAFETY PREDICTION TECHNIQUE

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1234567890123456789012345678901234567890123456789012345678901234567890
F4 MUC JETT SW 7582B MDBY MDB A
F4 EMER JETT SW 75940 MDBZ MDB 1
F4 NORMAL RELEASE MDC MD MDB 000010000
F4C MISSILE RELEASE MDCB MDC AAAAAAAAAA
F4C MISSILE RELEASE MDCB MDC AAAAAAAAAA
F4C MISSILE RELEASE MDCB MDC AAAAAAAAAA
F4C MISSILE RELEASE NOT ON R MDCB MDC 000000000
F4C MISSILE DOORS CONTROL MDCBA MDCB 000000000
F4C MISSILE DOORS CONTROL MDCBA MDCB 000000000
F4C MISSILE DOORS CONTROL MDCBA MDCB 000000000
F4C CYL ASSY FIN DOOR FWD 4514C MUCBAX MDCBA 5
F4C CYL ASSY FIN DOOR FWD 4514C MUCBAX MDCBA 5
F4C CYL ASSY FIN DOOR FWD 4514C MUCBAX MDCBA 5
F4C CYL ASSY FIN DOOR AFT 4514B MDCBAY MDCBA 5
F4C CYL ASSY FIN DOOR AFT 4514B MDCBAY MDCBA 5
F4C CYL ASSY FIN DOOR AFT 4514B MDCBAY MDCBA 5
F4C VALVE ASSY 4514A MUCBAZ MDCBA A
F4C VALVE ASSY 4514A MUCBAZ MDCBA A
F4C VALVE ASSY 4514A MUCBAZ MDCBA A
F4C ACMS HIT AIR DATA SW 75710 MDCBF MDCB C
F4C MISSILE FIRING PANEL 75520 MDCBG MDCB B
F4C HARNESS 7565D MDCBH MDCB 2
F4C HARNESS 7565C MDCBJ MDCB 2
F4C HARNESS 7565B MDCBK MDCB 2
F4C HARNESS 7565A MDCBL MDCB 2
F4C AIM-7 HARNESS WIRING 75650 MDCBM MDCB 2
F4C MULT WPNS FIRE CKTS 75630 MDCBN MDCB 3
F4C ARM RELAY PANEL 7561L MDCBP MDCB 5
F4C PYLON RELAY ASSY 7561K MDCBQ MDCB 2
F4C PYLON RELAY ASSY 7561J MDCBR MDCB 2
F4C MISS STATUS PANEL 7561H MDCBS MDCB C
F4C MISS FIRE RELAY ASSY 7561F MDCBT MDCB 5
F4C MISSILE CONTROLS 7561E MDCBU MDCB 8
F4C MAG SEQ SW 7561D MDCBV MDCB 5
F4C AUX NO2 MISS FIRE RELAY ASSY 7561C MDCBW MDCB 5
F4C AUX NO1 MISS FIRE RELAY ASSY 7561B MDCBX MDCB 5
F4C AUX ARM COUT PANEL 7561A MDCBY MDCB 8
F4C BOMBS/ROCKETS RELEASE MDC MDC AAAAAAAAAA
F4C BOMBS/ROCKETS RELEASE MDC MDC AAAAAAAAAA
F4C BOMBS/ROCKETS RELEASE MDC MDC AAAAAAAAAA
F4C STEPPING SWITCH 7591D MDCCV MDCC 1
F4C STEPPING SWITCH 7591D MDCCV MDCC 1
F4C STEPPING SWITCH 7591D MDCCV MDCC 1
F4C INTERVAL SWITCH 7591C MDCCW MDCC 1
F4C INTERVAL SWITCH 7591C MDCCW MDCC 1
F4C INTERVAL SWITCH 7591C MDCCW MDCC 1
F4C ARM SWITCH 7591B MDCCX MDCC 0
F4C ARM SWITCH 7591B MDCCX MDCC 0
F4C ARM SWITCH 7591B MDCCX MDCC 0
F4C MULT WPNS FIRING CKTS 75630 MDCCZ MDCC 2

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1234567890123456789012345678901234567890123456789012345678901234567890
F4E MULT WDNS FIRING CKTS 75630 MDCCZ MDCC 2
F4E MULT WDNS FIRING CKTS 75630 MDCCZ MDCC 2
F4E AUTO COMMANDS MDCC MDCC 11111111
F4E AUTO COMMANDS MDCC MDCC 11111111
F4E AUTO COMMANDS MDCC MDCC 11111111
F4E INTERVACUOMETER 75930 MDCCY MDCC 1
F4E INTERVACUOMETER 75930 MDCCY MDCC 1
F4E INTERVACUOMETER 75930 MDCCY MDCC 1
F4E CRU PILOT PANEL 75920 MDCCZ MDCC 0
F4E CRU PILOT PANEL 75920 MDCCZ MDCC 0
F4E CRU PILOT PANEL 75920 MDCCZ MDCC 0
F4E AUTO COMMANDS, MISSILE. MDCE MDCCB 11111111
F4E PILOT ACTION MDCE MD 00000000
F4E PILOT ACTION MDCE MDCCB F11111111
F4E PILOT ACTION MDCE MDCCB F11111111
F4E PILOT ACTION MDCE MDCCB F11111111
F4E PILOT ACTION MDCE MDCC 11111111
F4E PILOT ACTION MDCE MDCC 11111111
F4E PILOT ACTION MDCE MDCC 11111111
F4E PILOT ACTION MDCE MDCC 11111111
F4E AIM-4 CONTROL MDCC MDCE 11111111
F4E AIM-4 CONTROL MDCC MDCE 11111111
F4E AIM-4 CONTROL MDCC MDCCU 11111111
F4E AIM-4 CONTROL MDCC MDCCU 11111111
F4E LOGIC CONTROL 75F20 MDCCY MDCC 8
F4E LOGIC CONTROL 75F20 MDCCY MDCC 8
F4E DATA CONVERTER 75B10 MDCCZ MDCC 8
F4E DATA CONVERTER 75B10 MDCCZ MDCC 8
F4E COMMAND GUIDANCE MDCH MDCE 00000000
F4E WARNING LIGHT 75A1K MDCHV MDCH 0
F4E WARNING SYSTEM 75A1J MDCHW MDCH 0
F4E MJUNT 75A1H MDCHX MDCH 1
F4E CONTROL 75A1G MDCHY MDCH 5
F4E TRANSMITTER 75A10 MDCHZ MDCH 8
F4E RADAR FIRE CONTROL MDCC MDCE 99999999
F4E RADAR FIRE CONTROL MDCC MDCL F11111111
F4E RADAR FIRE CONTROL MDCC MDCL F11111111
F4E RADAR FIRE CONTROL MDCC MDCCN F11111111
F4E RADAR FIRE CONTROL MDCC MDCCN F11111111
F4E RADAR FIRE CONTROL MDCC MDCCU 88888888
F4E RADAR FIRE CONTROL MDCC MDCCU 88888888
F4E RADAR FIRE CONTROL MDCC MDCCU 88888888
F4E VALUE..AUT PRESS REDUCE 4513R MDCCJ MDCCJ A
F4E VALUE..AUT PRESS REDUCE 4513R MDCCJ MDCCJ A
F4E VALUE..AUT PRESS REDUCE 4513R MDCCJ MDCCJ A
F4E LOGIC UNIT 74FCC MDCCJ MDCCJ 1
F4E DISPLAY GROUP 74LCC MDCCJU MDCCJ 1
F4E RADAR SET APQ-120 74FCC MDCCJV MDCCJ 1
F4E SCAN CONVERTER SET 74DCC MDCCJW MDCCJ 1
F4E RADAR SET APA-165 74ACC MDCCJX MDCCJ 1
F4E RADAR GROUP APA-157 742CC MDCCJY MDCCJ 1

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12345678901234567890123456789012345678901234567890123456789012345678901234567890
F40 RADAR SET APQ-100 74100 MDCJZ MDCJ 1
F40 VISUAL INFO MDCX MDCF 000000000
F40 VISUAL INFO MDCX MDCF 000000000
F40 LEAD COMPUTUS/OPTICAL SIGH MDCL MDCX 111111111
F40 LEAD COMPUTUS/OPTICAL SIGH MDCL MDCX 111111111
F40 LCOS ASG-26 74800 MDCLY MDCL 8
F40 LCOS ASG-22 74900 MDCLZ MDCL 8
F40 TARGET IDENTIFICATION MDCM MDCX 111111111
F40 TARGET IDENTIFICATION MDCM MDCX 111111111
F40 TGT DESIG SET AUQ-23 73900 MDCMW MDCM 8
F40 TGT DESIG SET AUQ-10 73800 MDCMX MDCM 8
F40 LASER SYSTEM AUQ-5 73700 MDCMY MDCM 8
F40 TISED SET 71400 MDCMZ MDCM 8
F40 WEAPONS REL COMPUTATION MDCN CZM 000000000
F40 WEAPONS REL COMPUTATION MDCN CZM 000000000
F40 WEAPONS REL COMPUTATION MDCN MDCD 555555555
F40 WEAPONS REL COMPUTATION MDCN MDCD 555555555
F40 WEAPONS REL COMPUTATION MDCN MDCD F111111111
F40 WEAPONS REL COMPUTATION MDCN MDCD F111111111
F40 WEAPONS REL COMPUTATION MDCN MDCD F111111111
F40 WEAPONS REL COMPUTATION MDCN MDCD F111111111
F40 WEAPONS REL COMPUTATION MDCN MDCD F111111111
F40 WEAPONS REL COMPUTATION MDCN MDCD F111111111
F40 WEAPONS REL COMPUTATION MDCN MDCD F111111111
F40 WPN RELEASE COMP MDCN MDCP F000000000
F40 WPN DELIVERY PANEL 73500 MDCNV MDCN 2
F40 WPN DELIVERY PANEL 73500 MDCNV MDCN 2
F40 CONTROL ASSY 73540 MDCNW MDCN 8
F40 CONTROL ASSY 73540 MDCNW MDCN 8
F40 BALLISTICS COMPUTER 73530 MDCNX MDCN 8
F40 BALLISTICS COMPUTER 73530 MDCNX MDCN 8
F40 COMP CONTROL 73520 MDCNY MDCN 8
F40 COMP CONTROL 73520 MDCNY MDCN 8
F40 COMP CURSOR CONTROL 73510 MDCNZ MDCN 2
F40 COMP CURSOR CONTROL 73510 MDCNZ MDCN 2
F40 ADVISORY INFO MDCP MDCF 000000000
F40 ADVISORY INFO MDCP MDCF 000000000
F40 ADVISORY INFO MDCP MDCF 000000000
F40 ADVISORY INFO MDCP MDCF F000000000
F40 ANGLE/ATTACK INDEX LT340AK510FO MDCPY MDCP 1
F40 LABS LIGHT 73150 MDCPZ MDCP A
F40 LABS LIGHT 73150 MDCPZ MDCP A
F40 LABS LIGHT 73150 MDCPZ MDCP A
F40 HOMING SOLUTIONS MDCQ CZM F111111111
F40 HOMING SOLUTIONS MDCQ CZM F111111111
F40 HOMING SOLUTIONS MDCQ CZM F111111111
F40 HOMING SOLUTIONS NOT ON R MDCQ MD S000000000
F40 HOMING SOLUTIONS MDCQ MDCD 555555555
F40 HOMING SOLUTIONS MDCQ MDCD 555555555
F40 HOMING SOLUTIONS MDCQ MDCD 555555555
F40 HOMING SOLUTIONS MDCQ MDCP F111111111

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FLIGHT SAFETY PREDICTION TECHNIQUE

000000001111111122222222333333334444444455555555666666667777777788			
1234567890123456789012345678901234567890123456789012345678901234567890			
F40 BOMBING SOLUTIONS		MDCQ	MDCP F11111111
F4E BOMBING SOLUTIONS		MDCQ	MDCP F11111111
F4R BOMB SOLUTIONS NOT ON R		MDCQ	MDCP 00000000
F4C BOMBING SOLUTIONS		MDCQ	MDCU 08888888
F4D BOMBING SOLUTIONS		MDCQ	MDCU 08888888
F4F BOMBING SOLUTIONS		MDCQ	MDCU 08888888
F40 COIN INTERVALOMETER	731F0	MDCQW	MDCQ 3
F4 SEQ TIMER	731F0	MDCQX	MDCQ 8
F4 COMPUTER FLIGHT DIRECTOR	731F0	MDCQY	MDCQ 8
F4 COMPUTER BOMB RELANGLE	731D0	MDCQZ	MDCQ 6
F4C ATT REF BOMB COMPUTE SYS		MDCR	MDCQ AAAAAAAAAA
F4D ATT REF BOMB COMPUTE SYS		MDCR	MDCQ AAAAAAAAAA
F4E ATT REF BOMB COMPUTE SYS		MDCR	MDCQ AAAAAAAAAA
F4F ARHCS NOT ON R		MDCR	MDCQ 00000000
F4C ATT REF BOMB COMPUTE SYS		MDCR	MDCS AAAAAAAAAA
F4D ATT REF BOMB COMPUTE SYS		MDCR	MDCS AAAAAAAAAA
F4E ATT REF BOMB COMPUTE SYS		MDCR	MDCS AAAAAAAAAA
F4C ATT REF BOMB COMPUTE SYS		MDCR	MDCS AAAAAAAAAA
F4D ATT REF BOMB COMPUTE SYS		MDCR	MDCS AAAAAAAAAA
F4E ATT REF BOMB COMPUTE SYS		MDCR	MDCS AAAAAAAAAA
F4C DISPLACEMENT GYRO	731G0	MDCRX	MDCR A
F4 AMP/POWER SUPPLY	731F0	MDCRY	MDCR 8
F4 ACCELEROMETER	731A0	MDCRZ	MDCR A
F4C ATTITUDE INFORMATION		MDCS	DBEH CZR 11111111
F4D ATTITUDE INFO		MDCS	DBEH CZR 11111111
F4E ATTITUDE INFO		MDCS	DBEH CZR 11111111
F4C ATT INFO		MDCS	DBEK FAAAAAAAAA
F4C ATTITUDE INFORMATION		MDCS	DBEK FAAAAAAAAA
F4E ATT INFO		MDCS	DBEK FAAAAAAAAA
F4C ATTITUDE INFO		MDCS	FFAA 55555555
F4D ATTITUDE INFO		MDCS	FFAA 55555555
F4E ATTITUDE INFO		MDCS	FFAA 55555555
F4C ATTITUDE INFO		MDCS	MDCJ F11111111
F4D ATTITUDE INFO		MDCS	MDCJ F11111111
F4E ATTITUDE INFO		MDCS	MDCJ F11111111
F4C ATTITUDE INFO		MDCS	MDCJ F11111111
F4D ATTITUDE INFO		MDCS	MDCJ F11111111
F4E ATTITUDE INFO		MDCS	MDCJ F11111111
F4C HEADING INFO		MDCS	MDCJ F11111111
F4D HEADING INFO		MDCS	MDCJ F11111111
F4E HEADING INFO		MDCS	MDCJ F11111111
F4C HEADING INFO		MDCS	MDCJ F11111111
F4D HEADING INFO		MDCS	MDCJ F11111111
F4E HEADING INFO		MDCS	MDCJ F11111111
F4C HEADING INFO		MDCS	MDCJ F11111111
F4D HEADING INFO		MDCS	MDCJ F11111111
F4E HEADING INFO		MDCS	MDCJ F11111111
F4C COMPASS TRANSMITTER	731L0	MDCTV	MDCJ 2
F4D COMPASS TRANSMITTER	731L0	MDCTV	MDCJ 2
F4E COMPASS TRANSMITTER	731L0	MDCTV	MDCJ 2
F4C GYRO RATE TRANSMITTER	731F0	MDCTW	MDCJ 1

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F40	GYRO RATE TRANSMITTER	731K0	MDCTW	MDCT	3
F4E	GYRO RATE TRANSMITTER	731K0	MDCTW	MDCT	3
F4C	GYRO RATE SW	731J0	MDCTX	MDCT	3
F4D	GYRO RATE SW	731J0	MDCTX	MDCT	3
F4E	GYRO RATE SW	731J0	MDCTX	MDCT	3
F4C	CONTROLLER,COMP	731F0	MDCTY	MDCT	5
F4D	CONTROLLER,COMP	731F0	MDCTY	MDCT	5
F4E	CONTROLLER,COMP	731F0	MDCTY	MDCT	5
F4C	ADAPTER,COMP	731C0	MDCTZ	MDCT	8
F4D	ADAPTER,COMP	731C0	MDCTZ	MDCT	8
F4E	ADAPTER,COMP	731C0	MDCTZ	MDCT	8
F4C	ADVISORY TONES		MDCU	MDCF	00000000
F4D	ADVISORY TONES		MDCU	MDCF	00000000
F4E	ADVISORY TONES		MDCU	MDCF	00000000
F4C	ICS CONTROL PANEL	75530	MDCUZ	MDCU	5
F4D	ICS CONTROL PANEL	75530	MDCUZ	MDCU	5
F4E	ICS CONTROL PANEL	75530	MDCUZ	MDCU	5
F4R	ADVISORY TONES		MDCV	MDCF	F00000000
F4C	BOMB REL SWAFTC	1411F	MDCY	MDC	1
F4D	BOMB REL SWAFTC	1411F	MDCY	MDC	1
F4E	BOMB REL SWAFTC	1411F	MDCY	MDC	1
F4C	BOMB REL SW BFWDC	1411A	MDCZ	MDC	1
F4D	BOMB REL SW BFWDC	1411A	MDCZ	MDC	1
F4E	BOMB REL SW BFWDC	1411A	MDCZ	MDC	1
F4R	BOMB REL SW BFWDC	1411A	MDCZ	MDC	A
F4	ELECTRONIC COUNTERMEASURES		ME	M	000000000
F4	INTERNAL ECM		MEA	ME	AAAAAAAAA
F4D	ALT-34 SYS	765C0	MEAT	MEA	3
F4R	ALT-34 SYS	765C0	MEAT	MEA	3
F4E	TAC LLECT INTELLIGENCE	763C0	MEAU	MEA	3
F4C	WARN SET ALR-46	76G00	MEAV	MEA	3
F4E	RADAR REC SET APR-86	76E00	MEAW	MEA	5
F4E	RADAR REC SET APR-37	76F00	MEAWA	MEA	5
F4D	WARNING SET APS-107	76D00	MEAX	MEA	5
F4C	PANDRAMIC SET ER-142	76C00	MEAY	MEA	3
F4C	WARNING SET APR-25	76A00	MEAZ	MEA	3
F4E	WARNING SET APR-25	76A00	MEAZ	MEA	3
F4	EXTERNAL ECM		MEB	ME	AAAAAAAAA
F4D	ECM POD REFRIG UNIT	768C0	MEBJ	MEB	1
F4E	QRC-373 SYSTEM	762Y0	MEBK	MEB	8
F4C	QRC-160A-1KALC-71KPOD	76210	MERL	MFB	8
F4	ALF-2 POD	762U0	MERB	MEB	8
F4D	QRC-160A-3/ALQ-87 POD	762P0	MERN	MEB	8
F4E	QRC-160A-3/ALQ-87 POD	762P0	MERN	MEB	8
F4R	QRC-160A-3/ALQ-87 POD	762P0	MERN	MEB	8
F4	QRC-335A POD&MD-2079C	762NC	MFRP	MEB	8
F4	ALQ-72 POD	762MC	MEHQ	MEB	8
F4	QDR-160A-2 POD	762L0	MFRB	MFB	9
F4	ALQ-71 MK 3 POD	762K0	MERS	MEB	8
F4	QRC-160A-1 POD	762J0	MEBT	MEB	9

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0000000011111111222222223333333344444444555555556666666677777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 ALQ-119 SYSTEM 76X00 MEBU MEB 8
F4 ORC-335A/ALQ-101 SYSTEM 76U00 MEBV MEB 8
F4C ALQ-87 POD 76K00 MEBW MEB 8
F4 ALQ-71 POD 76Q00 MEBX MEB 8
F4R LAN-17 LAUNCHER 76230 MEBY MEB 1
F4C ECM POD ADAPTER 76KAC MEBZ MEB 1
F4C ECM POD ADAPTER 76KAC MEBZ MEB 1
F4R ECM POD ADAPTER 76KAC MEBZ MEB 1
F4R ECM POD ADAPTER 76240 MEBZA MEB 1
F4 ECM CONTROLS MFC AAAAAAAAAA
F4 CONTROL/INDICATOR C-0175 76PC0 MFCW MFC 5
F4 CONTROL PANEL CHAFI 76250 MFCX MFC 1
F4 INTERFERENCE BLANKER 762T0 MFCY MFC 0
F4 CONTROL PANEL UNIVERSAL 762FC MFCZ MFC 3
F4C GUNS MG M 100010001
F4D GUNS MG M 100010001
F4E GUNS MG M 100010001
F4E INTERNAL GUN MGA MG 111111111
F4E GUN MG1A1 75E20 MGA MGA 1
F4E VALVE TWO LEVEL REG 75E1V MGA MGA 0
F4E PALLET ASSY 75E1U MGA MGA 0
F4E CHUTE ELEM CONVEYOR 75E1T MGA MGA 0
F4E CHUTE AMMO RETURN 75E1S MGA MGA 0
F4E CHUTE AMMO FEED 75E1R MGA MGA 0
F4E ELECTRICAL HARNESS 75E1Q MGA MGA 1
F4E LUBRICATOR 75E1P MGA MGA 0
F4E ROUNDS LIMITER 75E1M MGA MGA 1
F4E IND REMOTE ROUNDS 75E1L MGA MGA 0
F4E CLEAR SIGNAL DEVICE 75E1K MGA MGA 1
F4E FILTER HYD 75E1J MGA MGA 0
F4E GUN CONTROL ELECTRIC 75E1G MGA MGA 1
F4E DRIVE, HYD 75E1F MGA MGA 0
F4E FEEDER UNIT 75E1E MGA MGA 0
F4E UNLOADER UNIT 75E1D MGA MGA 0
F4E EXIT UNIT 75E1C MGA MGA 0
F4E ENTRANCE UNIT 75E1B MGA MGA 0
F4E AMMO DRUM 75E1A MGA MGA 0
F4E GUN GAS PURGE MGB MGA 000010000
F4E CYLINDER GUN GAS PURGE 75E1W MGB MGB A
F4E VALVE GUN GAS PURGE 75E1V MGB MGB A
F4E PURGE ASSY 75E1N MGB MGB 8
F4C EXTERNAL GUNS MGC MC 111111111
F4D EXTERNAL GUNS MGC MC 111111111
F4E EXTERNAL GUNS MGC MC 111111111
F4C MG1 GUN ASSY 75470 MGC MGC 1
F4D MG1 GUN ASSY 75470 MGC MGC 1
F4E MG1 GUN ASSY 75470 MGC MGC 1
F4C SUN-16A GUN PON 75460 MGCX MGC 1
F4D SUN-16A GUN PON 75460 MGCX MGC 1
F4E SUN-16A GUN PON 75460 MGCX MGC 1

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000000001111111111222222222233333333334444444444555555555566666666667777777777			
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F4C GUN 6AV4/A	75000	MGCY	MGC 1
F4D GUN 6AV4/A	75000	MGCY	MGC 1
F4E GUN 6AV4/A	75000	MGCY	MGC 1
F4C SWU-23A GUN POD	75000	MGCZ	MGC 1
F4D SWU-23A GUN POD	75000	MGCZ	MGC 1
F4E SWU-23A GUN POD	75000	MGCZ	MGC 1
F4C GUN CONTROLS		MGD	MG 111111111
F4D GUN CONTROLS		MGD	MG 111111111
F4E GUN CONTROLS		MGD	MG 111111111
F4E ROUNDS REMAIN IN	75910	MGRH	MGC 0
F4C TRIGGER	1411A	MGDS	MGC 1
F4D TRIGGER	1411A	MGDS	MGC 1
F4E TRIGGER	1411A	MGDS	MGC 1
F4E FIRE RATE SW	75910	MGDT	MGC 1
F4C CLEARING SWITCH	75910	MGDU	MGC 0
F4D CLEARING SWITCH	75910	MGDU	MGC 0
F4E CLEARING SWITCH	75910	MGDU	MGC 0
F4C STATION SELECT SW	7591F	MGDV	MGC 1
F4D STATION SELECT SW	7591F	MGDV	MGC 1
F4E STATION SELECT SW	7591F	MGDV	MGC 1
F4C WEAPON SELECT SW	7591E	MGDW	MGC 1
F4D WEAPON SELECT SW	7591E	MGDW	MGC 1
F4E WEAPON SELECT SW	7591E	MGDW	MGC 1
F4E GUNS/MISSILES SW	2396B	MGDY	MGC 1
F4C GUNS/STORES SW	75910	MGDY	MGC 1
F4D GUNS/STORES SW	75910	MGDY	MGC 1
F4C MASTER ARM SW	7591A	MGDZ	MGC 1
F4D MASTER ARM SW	7591A	MGDZ	MGC 1
F4E MASTER ARM SW	7591A	MGDZ	MGC 1
F4E RECON INFO		MR	M 000000000
F4E IR RECON		MRA	M 222222222
F4E SCANNER RAMK SYSTEM	77000	MRA	MRA 8
F4E AAS-13 DET SET	77000	MRAZ	MRA 8
F4E PHOTO RECON		MRB	MR 888888888
F4E INTERNAL PHOTO RECON		MRBA	MRB 888888888
F4E ACTUATOR CASSETTE DOOR	4521T	MRBAD	MRBA 0
F4E VALVE CASSETTE DOOR	4521T	MRBAE	MRBA 0
F4C COMBAT DOCUMENT SYS	77X00	MRBAF	MRBA 0
F4D COMBAT DOCUMENT SYS	77X00	MRBAF	MRBA 0
F4E COMBAT DOCUMENT SYS	77X00	MRBAF	MRBA 0
F4C RADAR SCOPE CAMERA	77J00	MRBAG	MRBA 0
F4D RADAR SCOPE CAMERA	77J00	MRBAG	MRBA 0
F4E RADAR SCOPE CAMERA	77J00	MRBAG	MRBA 0
F4E CAMERA SET ICS-87H	77Y00	MRBAH	MRBA 3
F4E STILL CAMERA KS-72	77U00	MRBAJ	MRBA 3
F4E MOUNT LA-310A	77P00	MRBAK	MRBA 5
F4E RADAR SCOPE CAMERA	77K00	MRBAL	MRBA 1
F4E CAMERA MAP KC-1H	77C00	MRHAM	MRBA 3
F4E PAN CAMERA KA-91H	77F00	MRBAN	MRBA 3
F4E LID ACT CAMERA KA-56A	77L00	MRBAP	MRBA 3

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F4R	HI ALT CAMERA KA-SSA	77L00	MRBAQ	MRBA	2
F4R	CAMERA SET KA-1	77000	MRBAR	MRBA	3
F4R	INTERVALOMETER PANEL	77B00	MRBAS	MRBA	1
F4R	FILM TEST PANEL	77B70	MRBAT	MRBA	0
F4R	FILM REMAINING COUNTER	77B60	MRBAU	MRBA	0
F4R	SENSOR CONTROL PANEL NO. 277B30		MRBAV	MRBA	5
F4R	SENSOR CONTROL PANEL NO. 177B20		MRBAW	MRBA	5
F4R	RECUN SELECT PANEL	77B10	MRBAX	MRBA	5
F4R	JUNCTION BOX	77A50	MRBAY	MRBA	5
F4R	CAMERA MOUNTS FIXED	77A40	MRBAZ	MRBA	1
F4R	PHOTO FLASH EJECTION CONTROL	77B90	MRBB	MRBA	AAAAA
F4R	CYLINDER, PHOTO EJECT DOORS	4513F	MRBBU	MRBB	5
F4R	VALVE, PHOTO EJECT DOORS	4513G	MRBBR	MRBB	A
F4R	SWITCH EJECT DOOR CLOSED	77A70	MRBBS	MRBB	A
F4R	SWITCH EJECT DOOR OPEN	77A60	MRBBT	MRBB	5
F4R	SWITCH EJECT DOOR INTERLOCK	77A50	MRBBU	MRBB	1
F4R	IND LIGHT, CART EJECT WARN	77A50	MRBBV	MRBB	0
F4R	SWITCH EJECT DOOR	77A40	MRBBW	MRBB	A
F4R	EJECTOR PHOTO CART LA-403A	77M00	MRBBX	MRBB	3
F4R	EJECTOR PHOTO CART LA-307A	77M00	MRBBY	MRBB	3
F4R	EJECTOR PHOTO CART LA-308A	77L00	MRBBZ	MRBB	3
F4C	EXTERNAL PHOTO		MRBC	MRB	AAAAA
F4C	EXTERNAL PHOTO		MRBC	MRB	AAAAA
F4C	EXTERNAL PHOTO		MRBC	MRB	AAAAA
F4C	STRIKE PHOTO POD	77V00	MRBDZ	MRBC	8
F4C	STRIKE PHOTO POD	77W00	MRBDZ	MRBC	5
F4C	STRIKE PHOTO POD	77W00	MRBD7	MRBC	8
F4C	PHOTOFLASH EJECT POD	751H0	MRBEZ	MRBC	8
F4C	PHOTOFLASH EJECT POD	751H0	MRBEZ	MRBC	8
F4C	PHOTOFLASH EJECT POD	751H0	MRBEZ	MRBC	8
F4R	SIDE LOOK RADAR		MRC	MR	33333333
F4R	VALVE ANT PRESS REDUCE	4513R	MRCY	MRC	A
F4R	APQ-102 RADAR SYSTEM	73400	MRCZ	MRC	5
F4R	LASER RECUN		MRC	MR	22222222
F4R	AUD-2 LASER SYSTEM	77Z00	MRCZ	MR	5
F4R	DATA DISPLAY		MRF	MR	11111111
F4R	DATA DISPLAY SET	77V00	MREZ	MRE	5
F4R	VIEWFINDER		MRF	MR	11111111
F4R	VIEWFINDER SYS VF-57	77100	MREZ	MRE	8
F4C	TARGET TOW		MT	M	00000000
F4C	TARGET TOW		MT	M	00000000
F4C	TARGET TOW		MT	M	00000000
F4C	AA-37U-1S TOW SYSTEM		MTA	MT	AAAAA
F4C	AA-37U-1S TOW SYSTEM		MTA	MT	AAAAA
F4C	AA-37U-1S TOW SYSTEM		MTA	MT	AAAAA
F4C	POD TOW REEL	92300	MTAZ	MTA	A
F4C	POD TOW REEL	92300	MTAZ	MTA	8
F4C	POD TOW REEL	92300	MTAZ	MTA	8
F4C	RND-8 TOW SYSTEM		MTB	MT	AAAAA
F4C	RND-3 TOW SYSTEM		MTB	MT	AAAAA

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1234567890123456789012345678901234567890123456789012345678901234567890
E4E KMD-8 TOW SYSTEM MTR MT AAAAAAAAAA
E4E RMD-8 TOW TARGET 92200 MTBY MTB 2
E4E RMD-8 TOW TARGET 92200 MTBY MTB 2
E4E RMD-8 TOW TARGET 92200 MTBY MTB 2
E4C DEL MAR TOW REEL 92100 MTBZ MTB 8
E4C DEL MAR TOW REEL 92100 MTBZ MTB 8
E4E DEL MAR TOW REEL 92100 MTBZ MTB 8
E4 DC II HYDRAULIC PRESSURE UAA FAZ 111111111
E4 PC I HYDRAULICS UAA LFCJ 111111111
E4 DISTRIBUTION SYSTEM UAA UAC FAAAAAAAAA
E4 HYDRAULIC MANIFOLD 4511J UAAA UAA A
E4 HYDRAULIC FILTER 4511K UAAB UAA 1
E4 RADIATOR, HYD FUEL 4511L UAAC UAA A
E4 HYDRAULIC FUSE 4511M UAAD UAA 1
E4C HYDRAULIC FILTER ELEMENT 4511Z UAEE UAA 1
E4 SYSTEM PRESSURE UAP DCMB FAAAAAAAAA
E4 PC I SYSTEM PRESSURE UAB DDBA AAAAAAAAAA
E4 SYSTEM PRESSURE UAB DDBD FAAAAAAAAA
E4 SYSTEM PRESSURE UAB UAA AAAAAAAAAA
E4 SYSTEM PRESSURE UAB UAC FAAAAAAAAA
E4 HYDRAULIC PUMP 4511H UABA UAB A
E4 ACCUMULATOR 4511E UABC UAB 3
E4 FLUID SUPPLY UAC UAB AAAAAAAAAA
E4 HYDRAULIC RESERVOIR 4511A UACA UAC A
E4PC I RES AIR BLEED VALVE 4511V UACB UAC 5
E4C PC I RES AIR BLEED VALVE 4511Y UACH UAC 5
E4C PC I RES AIR BLEED VALVE 4511Y UACH UAC 5
E4C PC I RES AIR BLEED VALVE 4511Y UACH UAC 5
E4 DC I HYDRAULIC PRESSURE UBA FAZ 111111111
E4 PC II HYDRAULICS UBA RFCJ 111111111
E4 DISTRIBUTION UBA UBC FAAAAAAAAA
E4 HYDRAULIC MANIFOLD 4512F UBAA UBA A
E4 HYDRAULIC FILTER 4512G UBAB UBA 1
E4 RADIATOR, HYDRAULIC FUEL 4512H UBAC UBA A
E4 HYDRAULIC FUSE 4512M UBAD UBA 1
E4C HYDRAULIC FILTER ELEMENT 4512W UBAA UBA 1
E4 SYSTEM PRESSURE UBB DCMC FAAAAAAAAA
E4 PC II SYSTEM PRESSURE UBB DDBB AAAAAAAAAA
E4 SYSTEM PRESSURE UBB DDBE FAAAAAAAAA
E4 SYSTEM PRESSURE UBB UBA AAAAAAAAAA
E4 SYSTEM PRESSURE UBB UBC FAAAAAAAAA
E4 HYDRAULIC PUMP 4512B UBBA UBB A
E4 ACCUMULATOR 4512C UBBC UBB 3
E4 FLUID SUPPLY UBC UBB AAAAAAAAAA
E4 HYDRAULIC RESERVOIR 4512A UBBA UBB A
E4 PC II RES AIR BLEED VALVE 4512V UBCH UBC 5
E4 UTILITY HYDRAULICS DISTRIBTN UCA BGA AAAAAAAAAA
E4 UTILITY HYDRAULICS DISTRIBTN UCA FBB AAAAAAAAAA
E4 UTILITY HYDRAULICS DISTRIBTN UCA FBH FAAAAAAAAA
E4 UTILITY HYDRAULICS DISTRIBTN UCA FC S111111111

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F4C	TURBINE, RAM AIR	45320	UDAA	UDA	A
F4C	TURBINE, RAM AIR	45320	UDAA	UDA	A
F4C	TURBINE, RAM AIR	45320	UDAA	UDA	A
F4C	EXTENSION		UDB	UDA	AAAAAAAAA
F4C	EXTENSION		UDB	UDA	AAAAAAAAA
F4C	EXTENSION		UDB	UDA	AAAAAAAAA
F4C	PNEUMATIC SEQU. VALVE	4532A	UDBA	UDB	A
F4C	PNEUMATIC SEQU. VALVE	4532A	UDBA	UDB	A
F4C	PNEUMATIC SEQU. VALVE	4532A	UDBA	UDB	A
F4C	DOORS ACT CYLINDER	4532B	UDBB	UDB	A
F4C	DOORS ACT CYLINDER	4532B	UDBB	UDB	A
F4C	DOORS ACT CYLINDER	4532B	UDBB	UDB	A
F4C	RAT ACT CYLINDER	4532C	UDBC	UDB	A
F4C	RAT ACT CYLINDER	4532C	UDBC	UDB	A
F4C	RAT ACT CYLINDER	4532C	UDBC	UDB	A
F4C	GENERATOR, EMERGENCY	4241C	UDBD	UDB	A
F4C	GENERATOR, EMERGENCY	4241C	UDBD	UDB	A
F4C	GENERATOR, EMERGENCY	4241C	UDBD	UDB	A
F4C	CONTROL AND REGULATOR	4241A	UDBE	UDB	A
F4C	CONTROL AND REGULATOR	4241A	UDBE	UDB	A
F4C	CONTROL AND REGULATOR	4241A	UDBE	UDB	A
F4C	REACTOR B6706	4241B	UDBF	UDB	A
F4C	REACTOR B6706	4241B	UDBF	UDB	A
F4C	REACTOR B6706	4241B	UDBF	UDB	A
F4C	REACTOR C4635	4241C	UDBG	UDB	A
F4C	REACTOR C4635	4241C	UDBG	UDB	A
F4C	REACTOR C4635	4241C	UDBG	UDB	A
F4C	TRANSFORMER B6752	4241D	UDBH	UDB	A
F4C	TRANSFORMER B6752	4241D	UDBH	UDB	A
F4C	TRANSFORMER B6752	4241D	UDBH	UDB	A
F4C	CIRCUIT ASSY B6844	4241E	UDBJ	UDB	A
F4C	CIRCUIT ASSY B6844	4241E	UDBJ	UDB	A
F4C	CIRCUIT ASSY B6844	4241E	UDBJ	UDB	A
F4C	SWIVELS	4532Q	UDBK	UDB	5
F4C	SWIVELS	4532Q	UDBK	UDB	5
F4C	SWIVELS	4532Q	UDBK	UDB	5
F4C	SELECTION		UDC	UDB	AAAAAAAAA
F4C	SELECTION		UDC	UDB	AAAAAAAAA
F4C	SELECTION		UDC	UDB	AAAAAAAAA
F4C	SELECTOR VALVE	4532D	UDCA	UDC	A
F4C	SELECTOR VALVE	4532D	UDCA	UDC	A
F4C	SELECTOR VALVE	4532D	UDCA	UDC	A
F4C	UTILITY PNEUMATICS DISTRBTN		UEA	FEBP	AAAAAAAAA
F4C	UTILITY PNEUMATICS DISTRBTN		UEA	FEBP	AAAAAAAAA
F4C	UTILITY PNEUMATICS DISTRBTN		UEA	FEBP	AAAAAAAAA
F4C	UTILITY PNEUMATICS DISTRBTN		UEA	LUP	AAAAAAAAA
F4C	UTILITY PNEUMATICS DISTRBTN		UEA	UDB	AAAAAAAAA
F4C	UTILITY PNEUMATICS DISTRBTN		UEA	UDB	AAAAAAAAA
F4C	UTILITY PNEUMATICS DISTRBTN		UEA	UDB	AAAAAAAAA
F4C	PNEUMATIC FILTER	4521D	UEAA	UEAX	1

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FLIGHT SAFETY PREDICTION TECHNIQUE

00000000111111112222222222333333333344444444445555555555666666666677777777778
 12345678901234567890123456789012345678901234567890123456789012345678901234567890

F4 SWIVELS	4521R	ULAB	ULAX	5	
F4 PNEU CATCHALL		UEAX	UEA		AAAAAAAAAA
F4 MOISTURE REMOVAL		UEP	ULAX		111111111
F4 HOUSING CHEMICAL DRYER	4521E	UEBA	UEB	5	
F4 MOISTURE SEPARATOR CART	4521C	UEBB	UEB	5	
F4 CARTRIDGE CHEM DRYER	4521V	UEBC	UEB	5	
F4 PRESSURE SYSTEM		UEC	DDC		FAAAAAAAAAA
F4 PRESSURE SYSTEM		UEC	UFAX		AAAAAAAAAA
F4 PRESSURE SYSTEM		UEC	UEB		FAAAAAAAAAA
F4 COMPRESSOR	4521A	UECA	UEC	1	
F4 HYDRAULIC MOTOR	4521E	UECB	UEC	1	
F4 HYDRAULIC REGULATOR	4513L	UECC	UEC	1	
F4 HYDRAULIC REGULATOR	4513L	UECC	UEC	1	
F4 HYDRAULIC REGULATOR	4513L	UECC	UEC	1	
F4 HYDRAULIC REGULATOR	4521G	UECC	UEC	1	
F4 STORAGE BOTTLE	4521W	UECD	UEC	8	
F4 ABSOLUTE PRESSURE REGULATOR	4115E	UECE	UEC	A	
F4 LUBRICATION		UED	UEC		AC00000000
F4 OIL PUMP	4521H	UEDA	UED	A	
F4 AC POWER		UF	UFGA	UD	222222222
F4 AC POWER		UF	UFGA	UD	222222222
F4 AC POWER		UF	UFGA		AAAAAAAAAAA
F4 AC POWER		UF	UFGA	UD	222222222
F4 AC POWER		UF	UFH	UD	222222222
F4 AC POWER		UF	UFH	UD	222222222
F4 AC POWER		UF	UFH		AAAAAAAAAAA
F4 AC POWER		UF	UFH	UD	222222222
F4 AC POWER		UF	UFJA		AAAAAAAAAAA
F4 AC POWER		UF	UFL		AAAAAAAAAAA
F4 AC POWER		UF	UFM	UD	222222222
F4 AC POWER		UF	UFM	UD	222222222
F4 AC POWER		UF	UFM	UD	222222222
F4 AC POWER		UF	UFN		AAAAAAAAAAA
F4 AC POWER		UF	UFPA		AAAAAAAAAAA
F4 AC POWER		UF	UFY		AAAAAAAAAAA
F4 AC POWER		UF	UGAA		FAAAAAAAAAA
F4 AC POWER		UF	UGAA		FAAAAAAAAAA
F4 AC POWER		UF	UGAA		FAAAAAAAAAA
F4 AC POWER		UF	UGAA		FAAAAAAAAAA
F4 AC POWER		UF	UGBA		FAAAAAAAAAA
F4 AC POWER CONTROL		UFA	UF		AAAAAAAAAAA
F4 CONTROL BOX AC POWER	4228C	UFAA	UFA	5	
F4 RELAY GEN CONTACT	4228A	UFAB	UFA	1	
F4 PANEL ASSY NO1 RELAYS	42110	UFAC	UFAN	1	
F4 PANEL ASSY RIGHT UTILITY	4211A	UFAD	UFAN	1	
F4 PANEL ASSY NO2 RELAYS	42120	UFAE	UFAN	1	
F4 PANEL ASSY NO3 RELAYS	4213C	UFAF	UFAN	1	
F4 PANEL ASSY NO4 RELAYS	4214C	UFAG	UFAN	1	
F4 PANEL ASSY NO5 RELAYS	4215C	UFAH	UFAN	1	
F4 CIRCUIT BREAKER PANEL #1	4216C	UFAJ	UFAN	1	

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FLIGHT SAFETY PREDICTION TECHNIQUE

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00000000111111112222222222333333333344444444445555555555666666666677777777773
1234567890123456789012345678901234567890123456789012345678901234567890
F4 CIRCUIT BREAKER PANEL #2 42170 UFAK UFAN 1
F4 CIRCUIT BREAKER PANEL #3 42180 UFAL UFAN 1
F4 CIRCUIT BREAKER PANEL #4 42190 UFAM UFAN 1
F4 PANEL ATTENUATION UFAN UFA 111111111
F4 MISC RELAY PANEL NO 6 42152 UFAP UFAN 1
F4 MISC RELAY PANEL NO 6 42152 UFAP UFAN 1
F4 MISC RELAY PANEL NO 7 42154 UFAU UFAN 1
F4 MISC RELAY PANEL NO 7 42154 UFAU UFAN 1
F4 MISC RELAY PANEL NO 8 42155 UFAR UFAN 1
F4 CKT HKR PANEL NO 5 42191 UFAS UFAN 1
F4 CKT HKR PANEL NO 5 42191 UFAS UFAN 1
F4 CKT BKR PANEL NO 6 42192 UFAT UFAN 1
F4 CKT BKR PANEL NO 6 42192 UFAT UFAN 1
F4 CKT HKR PANEL NO 7 42193 UFAU UFAN 1
F4 CKT BKR PANEL NO 7 42193 UFAU UFAN 1
F4 CAP FILTER 2374R LUFVY LUFV 2
F4 CAP FILTER 2374R RUFVY RUFV 2
F4 OUTPUT HOUSING ASSY 2374S LUFVZ LUFV A
F4 OUTPUT HOUSING ASSY 2374S RUFVZ RUFV A
F4 INST 28VAC UFG CZACA FAAAAAAAAA
F4 INST 28VAC UFG CZACB FAAAAAAAAA
F4 INST 28VAC UFG CZADA FAAAAAAAAA
F4 INST 28VAC UFG CZADB FAAAAAAAAA
F4 INST 28VAC UFG CZAEA FAAAAAAAAA
F4 INST 28VAC UFG CZAEF FAAAAAAAAA
F4 INST 28VAC UFG CZB 888888888
F4 28 VAC INSTRUMENT UFG DH AAAAAAAAAA
F4 28 VAC INSTRUMENT UFG EG AAAAAAAAAA
F4 28V AC INST UFG MDCN FAAAAAAAAA
F4 28V AC INST UFG MDCN FAAAAAAAAA
F4 28V AC INST UFG MDCR FAAAAAAAAA
F4 28V AC INST UFG MDCR FAAAAAAAAA
F4 28V AC INST UFG MDCR FAAAAAAAAA
F4 28V AC INST UFG MRE AAAAAAAAAA
F4 28VAC POWER SUPPLIED INST UFG UJP AAAAAAAAAA
F4 TRANSFORM UFGA UFG AAAAAAAAAA
F4 TRANSFORM UFGA UFG K UFJA AAAAAAAAAA
F4 TRANSFORMER 4236C UFGAA UFGA A
F4 INST 115VAC UFH CZAB AAAAAAAAAA
F4 INST 115VAC UFH CZACB FAAAAAAAAA
F4 INST 115VAC UFH CZADB FAAAAAAAAA
F4 INST 115VAC UFH CZAEH FAAAAAAAAA
F4 INST 115VAC UFH CZAEC FAAAAAAAAA
F4 INST 115VAC UFH CZM AAAAAAAAAA
F4 115 VAC INSTRUMENT UFH DBEG AAAAAAAAAA
F4 115VAC INSTRUMENT UFH DKA AAAAAAAAAA
F4 115V AC INST UFH MDCR AAAAAAAAAA
F4 115V AC INST UFH MDCR AAAAAAAAAA
F4 115V AC INST UFH MDCR AAAAAAAAAA
F4 14/28 VAC UFG CT C11111AAJ

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FLIGHT SAFETY PREDICTION TECHNIQUE

000000001111111122222222333333334444444455555555666666667777777778			
1234567890123456789012345678901234567890123456789012345678901234567890			
F4 14/28VAC	UFJ	CZR	AAAAAAAAAA
F4 28 AND 14VAC WARNING LIGHT	UFJ	DM	AAAAAAAAAA
F4 23 1 14 VAC WARNING LIGHT	UFJ	FV	AAAAAAAAAA
F4 14/28VAC	UFJ	MDA	000000000
F4C 14/28 VAC	UFJ	MGD	111111111
F4D 14/28 VAC	UFJ	MGD	111111111
F4E 14/28 VAC	UFJ	MGD	111111111
F4 23/14V AC	UFJ	MRB	111111111
F4E 28/14V AC	UFJ	MRC	111111111
F4R 23/14V AC	UFJ	MRF	111111111
F4C 14/28V AC WARNING LIGHT	UFJA	MTA	111111111
F4D 14/28V AC WARNING LIGHT	UFJA	MTA	111111111
F4E 14/28V AC WARNING LIGHT	UFJA	MTA	111111111
F4 TRANSFORM	UFJA	UFJ	111111111
F4 TRANSFORM	UFJA	UFK	AAAAAAAAAA
F4 TRANSFORM	UFJA	UFX	AAAAAAAAAA
F4 TRANSFORMER	UFJAA	UFJA	A
F4 28 VAC LEFT MAIN	UFK	EU	AAAAAAAAAA
F4 115 VAC LEFT MAIN	UFL	HEA	AAAAAAAAAA
F4P115 VAC LH	UFL	CZPJ	AAAAAAAAAA
F4 LH 115VAC	UFL	CZR	AAAAAAAAAA
F4 115 VAC LEFT MAIN	UFL	ES	AAAAAAAAAA
F4 115 VAC LEFT MAIN	UFL	GACLM	AAAAAAAAAA
F4C 115V AC LEFTMAIN	UFL	MDCJ	AAAAAAAAAA
F4D 115V AC LEFTMAIN	UFL	MDCJ	AAAAAAAAAA
F4E 115V AC LEFTMAIN	UFL	MDCJ	AAAAAAAAAA
F4D 115V AC LEFT MAIN	UFL	MDCL	FAAAAAAAAAA
F4E 115V AC LEFT MAIN	UFL	MDCL	FAAAAAAAAAA
F4F 115 VAC LEFT MAIN	UFL	MDCM	FAAAAAAAAAA
F4D 115VAC LEFT MAIN	UFL	MDCN	AAAAAAAAAA
F4E 115VAC LEFT MAIN	UFL	MDCN	AAAAAAAAAA
F4 LEFT MAIN 115V AC	UFL	MEC	AAAAAAAAAA
F4E LEFT MAIN 115V AC	UFL	MGA	AAAAAAAAAA
F4C LEFT MAIN 115V AC	UFL	MRBA	AAAAAAAAAA
F4D LEFT MAIN 115V AC	UFL	MRBA	AAAAAAAAAA
F4E LEFT MAIN 115V AC	UFL	MRD	AAAAAAAAAA
F4F LEFT MAIN 115V AC	UFL	MRF	AAAAAAAAAA
F4C 115 VAC ESSENTIAL	UFM	BEC	FAAAAAAAAAA
F4D 115 VAC ESSENTIAL	UFM	BEC	FAAAAAAAAAA
F4E 115 VAC ESSENTIAL	UFM	REC	AAAAAAAAAA
F4C115VAC ESSENTIAL	UFM	CT	011111AA0
F4D115VAC ESSENTIAL	UFM	CT	011111AA0
F4E115VAC ESSENTIAL	UFM	CT	011111AA0
F4C115VAC ESSENTIAL	UFM	CX	AAAAAAAAAA
F4D 115VAC ESSENTIAL	UFM	CX	AAAAAAAAAA
F4E115VAC ESSENTIAL	UFM	CX	AAAAAAAAAA
F4C 115VAC ESSENTIAL	UFM	CY	AAAAAAAAAA
F4D115VAC ESSENTIAL	UFM	CY	AAAAAAAAAA
F4E 115VAC ESSENTIAL	UFM	CY	AAAAAAAAAA
F4C 115 VAC ESSENTIAL	UFM	DK	AAAAAAAAAA

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FLIGHT SAFETY PREDICTION TECHNIQUE

00000000111111112222222222333333333344444444445555555555666666666677777777778			
1234567890123456789012345678901234567890123456789012345678901234567890			
F40115VAC ESSENTIAL	UFM	DK	AAAAAAAAAA
F4R 115 VAC ESSENTIAL	UFM	DK	AAAAAAAAAA
F4C 115 VAC ESSENTIAL	UFM	ER	AAAAAAAAAA
F4D 115 VAC ESSENTIAL	UFM	ER	AAAAAAAAAA
F4S 115 VAC ESSENTIAL	UFM	ER	AAAAAAAAAA
F4C 115 VAC ESSENTIAL	UFM	FAH	AAAAAAAAAA
F4D 115 VAC ESSENTIAL	UFM	FAH	AAAAAAAAAA
F4R 115 VAC ESSENTIAL	UFM	FAH	AAAAAAAAAA
F4C ESS 115V AC	UFM	MDA	000000000
F4D ESS 115V AC	UFM	MDA	000000000
F4C 115 VAC ESSENTIAL	UFM	UJJA	AAAAAAAAAA
F4D 115 VAC ESSENTIAL	UFM	UJJA	AAAAAAAAAA
F4R 115 VAC ESSENTIAL	UFM	UJJA	AAAAAAAAAA
F4C AC POWER	UFM	UJKA	AAAAAAAAAA
F4D AC POWER	UFM	UJKA	AAAAAAAAAA
F4 115 VAC RIGHT MAIN	UFN	BFB	AAAAAAAAAA
F4ERH 115 VAC	UFN	CT	011111AAC
F4ERH115VAC	UFN	CX	AAAAAAAAAA
F4ERH115VAC	UFN	CY	AAAAAAAAAA
F4 RH 115VAC	UFN	CZU	AAAAAAAAAA
F4E RIGHT MAIN 115V AC	UFN	DK	AAAAAAAAAA
F4 115 VAC RIGHT MAIN	UFN	DL	AAAAAAAAAA
F4 115 VAC RIGHT MAIN	UFN	EQ	AAAAAAAAAA
F4E 115 VAC RIGHT MAIN	UFN	FAH	AAAAAAAAAA
F4D 115V RIGHT MAIN	UFN	FAX	AAAAAAAAAA
F4E 115V RIGHT MAIN	UFN	FAX	AAAAAAAAAA
F4R 115V RIGHT MAIN	UFN	FAX	AAAAAAAAAA
F4 115 VAC RIGHT MAIN	UFN	FCT	AAAAAAAAAA
F4 115 VAC RIGHT MAIN	UFN	FFJ	AAAAAAAAAA
F4R RIGHT MAIN 115 VAC	UFN	GABAS	AAAAAAAAAA
F4E RH 115V AC	UFN	MDA	000000000
F4R RH115V AC	UFN	MDAR	111111111
F4C 115V AC RIGHT MAIN	UFN	MDCR	AAAAAAAAAA
F4D 115V AC RIGHT MAIN	UFN	MDCR	AAAAAAAAAA
F4E 115V AC RIGHT MAIN	UFN	MDCR	AAAAAAAAAA
F4 RIGHT MAIN 115V AC	UFN	MEC	AAAAAAAAAA
F4C RIGHT MAIN 115V AC	UFN	MGC	000000000
F4D RIGHT MAIN 115V AC	UFN	MGC	000000000
F4E RIGHT MAIN 115V AC	UFN	MGC	000000000
F4R RIGHT MAIN 115V AC	UFN	MRA	AAAAAAAAAA
F4E RIGHT MAIN 115V AC	UFN	MRBA	AAAAAAAAAA
F4R RIGHT MAIN 115V AC	UFN	MRO	AAAAAAAAAA
F4C RIGHT AMIN 115V AC	UFN	MTH	AAAAAAAAAA
F4D RIGHT AMIN 115V AC	UFN	MTH	AAAAAAAAAA
F4E RIGHT AMIN 115V AC	UFN	MTH	AAAAAAAAAA
F4E 115 VAC RT MAIN	UFN	UJJA	AAAAAAAAAA
F4E AC POWER	UFN	UJKA	AAAAAAAAAA
F4ERH 23VAC	UFP	CZR	AAAAAAAAAA
F4 28 VAC RIGHT MAIN	UFP	ET	AAAAAAAAAA
F4C 23V AC RIGHT MAIN	UFP	MDCR	AAAAAAAAAA

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FLIGHT SAFETY PREDICTION TECHNIQUE

000000001111111122222222333333333344444444445555555555666666666677777777778				
1234567890123456789012345678901234567890123456789012345678901234567890				
F40 23V AC RIGHT MAIN		UFP	MOCR	AAAAAAAAAA
F4E 28V AC RIGHT MAIN		UFP	MOCR	AAAAAAAAAA
F4 TRANSFORM		UFPA	UFP	AAAAAAAAAA
F4 TRANSFORMER	42360	UFPA	UFPA	A
F4 FREQUENCY AND LOAD CONTROL		UFQ	UFA	AAAAAAAAAA
F4 FREQ. LOAD CONT. BOX 6909650	42260	UFQA	UFQ	A
F4 FREQ. LOAD CONT. BOX 5380888	42240	UFQB	UFQ	A
F4C POWER SUPPLY	4224A	UFQC	UFQ	A
F4C AMPLIFIER	4224B	UFQD	UFQ	A
F4C PRINTED CIRCUIT BOARD	4224C	UFQE	UFQ	A
F4C AUTOMATIC RELAY	4224D	UFQF	UFQ	A
F4C DISCRIMINATOR	4224E	UFQG	UFQ	A
F4C CIRCUIT BOARD	4224F	UFQH	UFQ	A
F4 FREQ. LOAD CONT. BOX 693134	42230	UFQJ	UFQ	A
F4C COMPONENT BOARD ASSY	4223A	UFQK	UFQ	A
F4 GENERATOR CONTROL		LUFR	UFQ	11111111
F4 GENERATOR CONTROL		KUFR	UFQ	11111111
F4 SWITCH PANEL, PILOT GEN C042220	42220	LUFRA	LUFR	A
F4 SWITCH PANEL, PILOT GEN C042220	42220	KUFRA	KUFR	A
F4C PANEL GEN CONTROL	4227C	LUFRB	LUFR	A
F4S SUPVRSRY PANEL 21830-3A-B-C	42620	LUFRB	LUFR	A
F4S SUPVRSRY PANEL 21830-3A-B-C	42620	LUFRB	LUFR	A
F4S SUPVRSRY PANEL 21830-3A-B-C	42620	LUFRB	LUFR	A
F4C PANEL GEN CONTROL	4227C	KUFRB	KUFR	A
F4S SUPVRSRY PANEL 21830-3A-B-C	42620	KUFRB	KUFR	A
F4S SUPVRSRY PANEL 21830-3A-B-C	42620	KUFRB	KUFR	A
F4S SUPVRSRY PANEL 21830-3A-B-C	42620	KUFRB	KUFR	A
F4S SUPVRSRY PANEL 21530-5A	42640	LUFRBX	LUFR	A
F4S SUPVRSRY PANEL 21530-5A	42640	LUFRBX	LUFR	A
F4S SUPVRSRY PANEL 21530-5A	42640	LUFRBX	LUFR	A
F4S SUPVRSRY PANEL 21530-5A	42640	KUFRBX	KUFR	A
F4S SUPVRSRY PANEL 21530-5A	42640	KUFRBX	KUFR	A
F4S SUPVRSRY PANEL 21530-5A	42640	KUFRBX	KUFR	A
F4C PRINTED BOARD ASSY	4227A	LUFRC	LUFR	A
F4C JUNCTION BOX	42630	LUFRC	LUFR	A
F4C JUNCTION BOX	42630	LUFRC	LUFR	A
F4C JUNCTION BOX	42630	LUFRC	LUFR	A
F4C PRINTED BOARD ASSY	4227A	KUFRC	KUFR	A
F4C JUNCTION BOX	42630	KUFRC	KUFR	A
F4C JUNCTION BOX	42630	KUFRC	KUFR	A
F4C JUNCTION BOX	42630	KUFRC	KUFR	A
F4C HIGHEST PHASE TAKE-OVER	4227B	LUFRD	LUFR	A
F4C HIGHEST PHASE TAKE-OVER	4227B	KUFRD	KUFR	A
F4C OVER VOLTAGE ASSY	4227C	LUFRE	LUFR	A
F4C OVER VOLTAGE ASSY	4227C	KUFRE	KUFR	A
F4C REACTIVE BIASING ASSY	4227D	LUFRF	LUFR	A
F4C REACTIVE BIASING ASSY	4227D	KUFRF	KUFR	A
F4C UNDER VOLTAGE CIRCUIT	4227E	LUFRG	LUFR	A
F4C UNDER VOLTAGE CIRCUIT	4227E	KUFRG	KUFR	A
F4 AC POWER GENERATION		LUFS	LUFR	AAAAAAAAAA

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FLIGHT SAFETY PREDICTION TECHNIQUE

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00000000011111111122222222223333333334444444445555555556666666667777777778
1234567890123456789012345678901234567890123456789012345678901234567890
F4 AC POWER GENERATION RUF5 RUF8 AAAAAAAAAA
F4C GENERATOR, 3 PHASE 400HZ 42210 LUFSA LUF5 A
F4C GENERATOR, 3 PHASE 400HZ 42610 LUFSA LUF5 A
F4C GENERATOR, 3 PHASE 400HZ 42610 LUFSA LUF5 A
F4C GENERATOR, 3 PHASE 400HZ 42610 LUFSA LUF5 A
F4C GENERATOR, 3 PHASE 400HZ 42210 RUFSA RUF5 A
F4C GENERATOR, 3 PHASE 400HZ 42610 RUFSA RUF5 A
F4C GENERATOR, 3 PHASE 400HZ 42610 RUFSA RUF5 A
F4C GENERATOR, 3 PHASE 400HZ 42610 RUFSA RUF5 A
F4C ELECTRICAL HARNESS 4221A LUF5B LUF5 A
F4C ELECTRICAL HARNESS 4221A RUF5B RUF5 A
F4C EXITATION REGULATION LUF5 AAAAAAAAAA
F4C EXITATION REGULATION RUF5 AAAAAAAAAA
F4C REGULATOR, STATIC EXCITER 42250 LUFTA LUFT A
F4C REGULATOR, STATIC EXCITER 42250 RUF5A RUF5 A
F4 CONSTANT SPEED DRIVING LUFV LUF5 AAAAAAAAAA
F4 CONSTANT SPEED DRIVING RUFV RUF5 AAAAAAAAAA
F4C CONSTANT SPEED DRIVE GE 23720 LUFVA LUFV A
F4C CONSTANT SPEED DRIVE GE 23720 RUFVA RUFV A
F4C INPUT SHAFT 23722 LUFVAA LUFV A
F4C INPUT SHAFT 23722 RUFVAA RUFV A
F4C DIFFERENTIAL SOLENOID 23721 LUFVAB LUFV A
F4C DIFFERENTIAL SOLENOID 23721 RUFVAB RUFV A
F4C ELLIPTICAL RACE 23722 LUFVAC LUFV 5
F4C ELLIPTICAL RACE 23722 RUFVAC RUFV 5
F4C CYLINDER BLOCK A-END 23723 LUFVAD LUFV A
F4C CYLINDER BLOCK A-END 23723 RUFVAD RUFV A
F4C CYLINDER BLOCK B-END 23724 LUFVAE LUFV A
F4C CYLINDER BLOCK B-END 23724 RUFVAE RUFV A
F4C HOUSING AND BRACKET ASSY 23725 LUFVAF LUFV A
F4C HOUSING AND BRACKET ASSY 23725 RUFVAF RUFV A
F4 CONSTANT SPEED DRIVE SUND 23730 LUFVAG LUFV A
F4 CONSTANT SPEED DRIVE SUND 23730 RUFVAG RUFV A
F4 WIRING HARNESS, FLECT 2373A LUFVAH LUFV A
F4 WIRING HARNESS, ELECT 2373A RUFVAH RUFV A
F4 CHECK VALVE ASSY 2373B LUFVAJ LUFV A
F4 CHECK VALVE ASSY 2373B RUFVAJ RUFV A
F4 SEAL, OUTPUT, STATIONARY 2373C LUFVAK LUFV 3
F4 SEAL, OUTPUT, STATIONARY 2373C RUFVAK RUFV 3
F4 RING SEAL, MATING 2373D LUFVAL LUFV 3
F4 RING SEAL, MATING 2373D RUFVAL RUFV 3
F4 INPUT SHAFT 2373E LUFVAM LUFV A
F4 INPUT SHAFT 2373E RUFVAM RUFV A
F4 SEAL, INPUT, STATIONARY 2373F LUFVAN LUFV 3
F4 SEAL, INPUT, STATIONARY 2373F RUFVAN RUFV 3
F4 PRESSURE SWITCH, ASSY 2373G LUFVAP LUFV A
F4 PRESSURE SWITCH, ASSY 2373G RUFVAP RUFV A
F4 SWITCH ACTUATOR 2373H LUFVAQ LUFV A
F4 SWITCH ACTUATOR 2373H RUFVAQ RUFV A
F4 BRACKET DISCONNECT 2373J LUFVAR LUFV 5

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0000000011111111112222222222333333333344444444445555555555666666666677777777778
1234567890123456789012345678901234567890123456789012345678901234567890

F4	BRACKET DISCONNECT	2373J	RUFVAR	RUFV	5
F4	CARTRIDGE DISCONNECT	2373K	LUFVAS	LUFV	5
F4	CARTRIDGE DISCONNECT	2373K	RUFVAS	RUFV	5
F4	GEARSHIFT ASSY, SPUR	2373L	LUFVAT	LUFV	A
F4	GEARSHIFT ASSY, SPUR	2373L	RUFVAT	RUFV	A
F4	SHAFT ASSY	2373M	LUFVAU	LUFV	A
F4	SHAFT ASSY	2373M	RUFVAU	RUFV	A
F4	SEAL PLATE	2373N	LUFVAV	LUFV	4
F4	SEAL PLATE	2373N	RUFVAV	RUFV	4
F4	HOUSING, INPUT	2373P	LUFVAW	LUFV	A
F4	HOUSING, INPUT	2373P	RUFVAW	RUFV	A
F4	WOBBLER, VARIABLE	2373Q	LUFVAX	LUFV	A
F4	WOBBLER, VARIABLE	2373Q	RUFVAX	RUFV	A
F4	RETAINER, SCIPPER	2373P	LUFVAY	LUFV	A
F4	RETAINER, SCIPPER	2373R	RUFVAY	RUFV	A
F4	BALL RETAINER SLIPPER	2373S	LUFVAZ	LUFV	A
F4	BALL RETAINER SLIPPER	2373S	RUFVAZ	RUFV	A
F4C	FILTER, BYPASS ASSY	2372A	LUFVB	LUFV	3
F4C	FILTER, BYPASS ASSY	2372A	RUFVB	RUFV	3
F4	CYLINDER BLOCK	2373T	LUFVBA	LUFV	A
F4	CYLINDER BLOCK	2373T	RUFVBA	RUFV	A
F4	PISTON, SLIPPER ASSY	2373U	LUFVBB	LUFV	A
F4	PISTON, SLIPPER ASSY	2373U	RUFVBB	RUFV	A
F4	WOBBLER, FIXED	2373V	LUFVBC	LUFV	A
F4	WOBBLER, FIXED	2373V	RUFVBC	RUFV	A
F4	PUMP, COOLING	2373W	LUFVBD	LUFV	A
F4	PUMP, COOLING	2373W	RUFVBD	RUFV	A
F4	HOUSING ASSY, CENTRIFUGE	2373X	LUFVBF	LUFV	A
F4	HOUSING ASSY, CENTRIFUGE	2373X	RUFVBF	RUFV	A
F4	DIFFERENTIAL ASSY	2373Y	LUFVBF	LUFV	A
F4	DIFFERENTIAL ASSY	2373Y	RUFVBF	RUFV	A
F4	VALVE ASSY, TRIP	2373Z	LUFVAG	LUFV	A
F4	VALVE ASSY, TRIP	2373Z	RUFVAG	RUFV	A
F4	HOUSING, VALVE	2374A	LUFVBH	LUFV	A
F4	HOUSING, VALVE	2374A	RUFVBH	RUFV	A
F4	PORT PLATE ASSY	2374B	LUFVBH	LUFV	3
F4	PORT PLATE ASSY	2374B	RUFVBH	RUFV	3
F4	PISTON CONTROL MATCHED ST	2374C	LUFVBK	LUFV	A
F4	PISTON CONTROL MATCHED ST	2374C	RUFVBK	RUFV	A
F4	VALVE ASSY, RECIRCULATING	2374D	LUFVBL	LUFV	A
F4	VALVE ASSY, RECIRCULATING	2374D	RUFVBL	RUFV	A
F4	PUMP ASSY, SCAVENGE	2374E	LUFVBM	LUFV	A
F4	PUMP ASSY, SCAVENGE	2374E	RUFVBM	RUFV	A
F4	PUMP ASSY, CHARGE	2374F	LUFVBN	LUFV	A
F4	PUMP ASSY, CHARGE	2374F	RUFVBN	RUFV	A
F4	MAGNETIC TRIMHEAD	2374G	LUFVBP	LUFV	5
F4	MAGNETIC TRIMHEAD	2374G	RUFVBP	RUFV	5
F4	BALLHEAD, LIMIT GOVERNOR	2374H	LUFVBQ	LUFV	5
F4	BALLHEAD, LIMIT GOVERNOR	2374H	RUFVBQ	RUFV	5
F4	SLEEVE AND STEM	2374J	LUFVBR	LUFV	A

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F4	SLEEVE AND STEM	2374J	RUFVBR	RUFV	A
F4	HOUSING, LIMIT GOVERNOR	2374K	LUFVBS	LUFV	5
F4	HOUSING, LIMIT GOVERNOR	2374K	RUFVBS	RUFV	5
F4	SHAFT, ADJUSTMENT	2374L	LUFVBT	LUFV	5
F4	SHAFT, ADJUSTMENT	2374L	RUFVBT	RUFV	5
F4	COIL AND CONNECTOR ASSY	2374M	LUFVBU	LUFV	A
F4	COIL AND CONNECTOR ASSY	2374M	RUFVBU	RUFV	A
F4	PISTON AND SLEEVE	2374N	LUFVBV	LUFV	A
F4	PISTON AND SLEEVE	2374N	RUFVBV	RUFV	A
F4	CENTER PLATE ACCESSORY	2374P	LUFVBW	LUFV	5
F4	CENTER PLATE ACCESSORY	2374P	RUFVBW	RUFV	5
F4	FILTER ELEMENT ASSY	2374Q	LUFVBX	LUFV	2
F4	FILTER ELEMENT ASSY	2374Q	RUFVBX	RUFV	2
F4C	SEAL, OUTPUT	2372R	LUFVC	LUFV	2
F4C	SEAL, OUTPUT	2372R	RUFVC	RUFV	2
F4	GEAR SPUR RING	2374T	LUFVCA	LUFV	A
F4	GEAR SPUR RING	2374T	RUFVCA	RUFV	A
F4	GEAR CLUSTER, SPUR RING	2374U	LUFVCB	LUFV	A
F4	GEAR CLUSTER, SPUR RING	2374U	RUFVCB	RUFV	A
F4	SHAFT CARRIER	2374V	LUFVCC	LUFV	A
F4	SHAFT CARRIER	2374V	RUFVCC	RUFV	A
F4	SHAFT SHOULDER	2374W	LUFVCD	LUFV	A
F4	SHAFT SHOULDER	2374W	RUFVCD	RUFV	A
F4	GEAR CLUSTER ASSY	2374X	LUFVCE	LUFV	A
F4	GEAR CLUSTER ASSY	2374X	RUFVCE	RUFV	A
F4	SWITCH SNAP ACTION	2374Y	LUFVCF	LUFV	A
F4	SWITCH SNAP ACTION	2374Y	RUFVCF	RUFV	A
F4C	CSD DOME AND STRUT ASSY	2374Z	LUFVCG	LUFV	A
F4DOME	ASSY AND GEN	23750	LUFVCG	LUFV	A
F4EDOME	ASSY AND GEN	23750	RUFVCG	RUFV	A
F4PDOME	ASSY AND GEN	23750	LUFVCG	LUFV	A
F4C	CSD DOME AND STRUT ASSY	2374Z	RUFVCG	RUFV	A
F4DOME	ASSY AND GEN	23750	RUFVCG	RUFV	A
F4EDOME	ASSY AND GEN	23750	LUFVCG	LUFV	A
F4PDOME	ASSY AND GEN	23750	RUFVCG	RUFV	A
F4DSTRUT		2375A	LUFVCGA	LUFV	A
F4ESTRUT		2375A	RUFVCGA	RUFV	A
F4RSTRUT		2375A	LUFVCGA	LUFV	A
F4DSTRUT		2375A	RUFVCGA	RUFV	A
F4LSTRUT		2375A	LUFVCGA	LUFV	A
F4RSTRUT		2375A	RUFVCGA	RUFV	A
F4DBARREL		2375B	LUFVCGB	LUFV	A
F4EBARREL		2375B	RUFVCGB	RUFV	A
F4RBARREL		2375B	LUFVCGB	LUFV	A
F4DBARREL		2375B	RUFVCGB	RUFV	A
F4EBARREL		2375B	LUFVCGB	LUFV	A
F4RBARREL		2375B	RUFVCGB	RUFV	A
F4DSHELL		2375C	LUFVCGC	LUFV	A
F4ESHELL		2375C	RUFVCGC	RUFV	A
F4RSHLL		2375C	LUFVCGC	LUFV	A

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F40SHELL	2375C	RUFVCGC	RUFV	A
F4ESHELL	2375C	RUFVCGC	RUFV	A
F4RSHELL	2375C	RUFVCGC	RUFV	A
F4DDOME	2375C	LUFVCGD	LUFV	A
F4DDOME	2375D	LUFVCGD	LUFV	A
F4DDOME	2375D	LUFVCGD	LUFV	A
F4DDOME	2375D	LUFVCGD	LUFV	A
F4DDOME	2375D	LUFVCGD	LUFV	A
F4DDOME	2375D	LUFVCGD	LUFV	A
F4DDOME	2375D	LUFVCGD	LUFV	A
F4DDORR	2375E	LUFVCGE	LUFV	0
F4DDORR	2375E	LUFVCGE	LUFV	0
F4DDORR	2375E	LUFVCGE	LUFV	0
F4DDORR	2375E	LUFVCGE	LUFV	0
F4DDORR	2375E	LUFVCGE	LUFV	0
F4DDORR	2375E	LUFVCGE	LUFV	0
F4C	2372C	LUFVD	LUFV	A
F4C	2372C	RUFVD	RUFV	A
F4C	2372D	LUFVE	LUFV	A
F4C	2372D	RUFVE	RUFV	A
F4C	2372E	LUFVF	LUFV	A
F4C	2372F	RUFVF	RUFV	A
F4C	2372F	LUFVG	LUFV	A
F4C	2372F	RUFVG	RUFV	A
F4C	2372G	LUFVH	LUFV	A
F4C	2372G	RUFVH	RUFV	A
F4C	2372H	LUFVJ	LUFV	A
F4C	2372H	RUFVJ	RUFV	A
F4C	2372J	LUFVK	LUFV	2
F4C	2372J	RUFVK	RUFV	2
F4C	2372K	LUFVL	LUFV	A
F4C	2372K	RUFVL	RUFV	A
F4C	2372L	LUFVM	LUFV	A
F4C	2372L	RUFVM	RUFV	A
F4C	2372M	LUFVN	LUFV	A
F4C	2372M	RUFVN	RUFV	A
F4C	2372N	LUFVP	LUFV	A
F4C	2372N	RUFVP	RUFV	A
F4C	2372P	LUFVQ	LUFV	A
F4C	2372P	RUFVQ	RUFV	A
F4C	2372Q	LUFVR	LUFV	A
F4C	2372Q	RUFVR	RUFV	A
F4C	2372H	LUFVS	LUFV	2
F4C	2372R	RUFVS	RUFV	2
F4C	2372S	LUFVT	LUFV	5
F4C	2372S	RUFVT	RUFV	5
F4C	2372T	LUFVU	LUFV	A
F4C	2372T	RUFVU	RUFV	A
F4C	2372U	LUFVV	LUFV	A
F4C	2372U	RUFVV	RUFV	A
F4C	2372V	LUFVW	LUFV	A

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DESCRIPTION	QTY	UNIT	PRICE	TOTAL	REMARKS
F4C STROCKING SLIEVE	2372V	RUFVW			
F4C CABLE CONNECTOR	2372W	LUFVX			
F4C CABLE CONNECTOR	2372W	RUFVX			
F4C INPUT COUPLING	2372X	LUFVY			
F4C INPUT COUPLING	2372X	RUFVY			
F4C INPUT SEAL	2372Y	LUFVZ			
F4C INPUT SEAL	2372Y	RUFVZ			
F4 14 VAC LEFT MAIN		UFX			
F4K RECON 115 VAC		UFY			
F4K RECON 115V AC		UFY			
F4K RECON 115V AC		UFY			
F4K RECON 115V AC		UFY			
F4K RECON 115V AC		UFY			
F4K RECON 115V AC		UFY			
F4 GROUND POWER		UFZ			
F4 TRANSFORMER RECTIFIER	42320	UFZA			
F4 EXT PWR RECEPTICLE	42350	UFZR			
F4C WHEEL WELL SWITCH PANEL	4211B	UFZC			
F4C WHEEL WELL SWITCH PANEL	4211B	UFZC			
F4C 28VDC LEFT MAIN		UGA			
F4C 28VDC LEFT MAIN		UGA			
F4R 28VDC LEFT MAIN		UGA			
F4K 28VDC LH		UGA			
F4C 28VDC LEFT MAIN		UGA			
F4C 28VDC LEFT MAIN		UGA			
F4R 28VDC LEFT MAIN		UGA			
F4C 28VDC LEFT MAIN		UGA			
F4C 28VDC LEFT MAIN		UGA			
F4R 28VDC LEFT MAIN		UGA			
F4C 28 VDC LEFT MAIN BUS		UGA			
F4C 28 VDC LEFT MAIN BUS		UGA			
F4R 28 VDC LEFT MAIN BUS		UGA			
F4C 28 VDC LEFT MAIN BUS		UGA			
F4C 28 VDC LEFT MAIN BUS		UGA			
F4R 28 VDC LEFT MAIN BUS		UGA			
F4C 28VDC LEFT MAIN		UGA			
F4C 28VDC LEFT MAIN		UGA			
F4R 28VDC LEFT MAIN		UGA			
F4R LH 28V DC		UGA			
F4C LH 28V DC		UGA			
F4C LH 28V DC		UGA			
F4C 28V DC LEFT MAIN		UGA			
F4C 28V DC LEFT MAIN		UGA			
F4C 28V DC LEFT MAIN		UGA			
F4C 28V DC LEFT MAIN		UGA			
F4C LEFT MAIN 28V DC		UGA			
F4C LEFT MAIN 28V DC		UGA			
F4R LEFT MAIN 28V DC		UGA			
F4C LEFT MAIN 28V DC		UGA			
F4C LEFT MAIN 28V DC		UGA			

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1234567890123456789012345678901234567890123456789012345678901234567890			
F40 LEFT MAIN 28V DC	UGA	MT	AAAAAAAAAA
F40 28VDC LEFT MAIN	UGA	UEB	AAAAAAAAAA
F40 28VDC LEFT MAIN	UGA	UEB	AAAAAAAAAA
F40 28VDC LEFT MAIN	UGA	UEB	AAAAAAAAAA
F40 28VDC LEFT MAIN	UGA	UGJ	AAAAAAAAAA
F40 LEFT TRANS RECTIFY	UGAA	UGE	111111111
F40 LEFT TRANS RECTIFY	UGAA	UGF	111111111
F40 LEFT TRANS RECTIFY	UGAA	UGF	111111111
F40 LEFT TRANS RECTIFY	UGAA	UGF	111111111
F40 LEFT TRANS RECTIFY	UGAA	UGK	111111111
F4 TRANSFORMER RECTIFIER	42310 UGAAA	UGAA	A
F4 FAN ASSEMBLY	4231A UGAAH	UGAA	3
F4 28VDC ESSENTIAL	UGB	HFD	AAAAAAAAAA
F4 28VDC ESSENTIAL	UGB	CI	011111AAJ
F4 28VDC ESSENTIAL	UGB	CT	011111AAJ
F4 28VDC ESSENTIAL	UGB	CX	AAAAAAAAAA
F4 28VDC ESSENTIAL	UGB	CY	AAAAAAAAAA
F4 28VDC ESSENTIAL	UGB	CZACA	AAAAAAAAAA
F4 28VDC ESSENTIAL	UGB	CZADA	AAAAAAAAAA
F4 28VDC ESSENTIAL	UGB	CZAEA	AAAAAAAAAA
F4 28VDC ESSENTIAL	UGB	CZB	111111111
F4 28VDC ESSENTIAL	UGB	DF	AAAAAAAAAA
F4 28VDC ESSEN	UGB	EN	AAAAAAAAAA
F4 28 VDC ESSENTIAL BUS	UGB	FAJ	AAAAAAAAAA
F4E ELECTRIC POWER 28VDC	UGB	FS	111111111
F4E ELECTRIC POWER 28VDC	UGB	FSC	FAAAAAAAAAA
F4E ELECTRIC POWER 28VDC	UGB	FSH	FAAAAAAAAAA
F4E ELECTRIC POWER 28VDC	UGB	FSQDB	FAAAAAAAAAA
F4C ESS 28 VDC	UGB	FSX	AAAAAAAAAA
F4D ESS 28 VDC	UGB	FSX	AAAAAAAAAA
F4E ESS 28 VDC	UGB	FSX	FAAAAAAAAAA
F4F ESS 28 VDC	UGB	FSX	AAAAAAAAAA
F4L ESS 28 VDC	UGB	FSY	FAAAAAAAAAA
F4 ESSENTIAL 28V DC	UGB	MDAB	AAAAAAAAAA
F4C ESSENTIAL 28V DC	UGB	MDR	AAAAAAAAAA
F4D ESSENTIAL 28V DC	UGB	MDH	AAAAAAAAAA
F4E ESSENTIAL 28V DC	UGB	YDB	AAAAAAAAAA
F4F ESSENTIAL 28V DC	UGB	MDH	111111111
F4C ESSENTIAL 28V DC	UGB	MDCHA	AAAAAAAAAA
F4D ESSENTIAL 28V DC	UGB	MDCHA	AAAAAAAAAA
F4E ESSENTIAL 28V DC	UGB	MDCHA	AAAAAAAAAA
F4C ESS 28V DC	UGB	MDCR	FAAAAAAAAAA
F4D ESS 28V DC	UGB	MDCR	FAAAAAAAAAA
F4E ESS 28V DC	UGB	MDCR	FAAAAAAAAAA
F4F ESSENTIAL 28V DC	UGB	MRBP	AAAAAAAAAA
F4C ESSENTIAL 28V DC	UGB	MTB	AAAAAAAAAA
F4D ESSENTIAL 28V DC	UGB	MTB	AAAAAAAAAA
F4E ESSENTIAL 28V DC	UGB	MTB	AAAAAAAAAA
F4C 28VDC ESSENTIAL	UGB	UGC	111111111
F4D 28VDC ESSENTIAL	UGB	UGC	111111111

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1234567890123456789012345678901234567890123456789012345678901234567890
F4F ESSEN 28VDC UGB UGC AAAAAAAAAA
F4R 28VDC ESSENTIAL UGB UGC 111111111
F4C 28VDC ESSENTIAL UGB UGC F11111111
F4D 28VDC ESSENTIAL UGB UGF F11111111
F4P 28VDC ESSENTIAL UGB UGF F11111111
F4 28VDC POWER SUPPLIED UGB UJP AAAAAAAAAA
F4C RIGHT TRANS RECTIFY UGBA UGF 111111111
F4D RIGHT TRANS RECTIFY UGBA UGF 111111111
F4R RIGHT TRANS RECTIFY UGBA UGF 111111111
F4P RIGHT TRANS RECTIFY UGBA UGF 111111111
F4 TRANSFORMER RECTIFIER 42310 UGBAA UGBA A
F4C TRANSFORMER RECTIFIER 42310 UGBAA UGC A
F4D TRANSFORMER RECTIFIER 42310 UGBAA UGC A
F4P TRANSFORMER RECTIFIER 42310 UGBAA UGC A
F4 FAN ASSEMBLY 4231A UGBAB UGBA 3
F4 28 VDC IGNITION UGC BEC AAAAAAAAAA
F4C C28VDC RIGHT MAIN UGD BEB AAAAAAAAAA
F4D C28VDC RIGHT MAIN UGD BEB AAAAAAAAAA
F4R C28VDC RIGHT MAIN UGD BEB AAAAAAAAAA
F4CRH 28VDC UGD CZB AAAAAAAAAA
F4DRH 28VDC UGD CZB AAAAAAAAAA
F4RRH 28VDC UGD CZB AAAAAAAAAA
F4C28VDC RIGHT MAIN UGD DJ AAAAAAAAAA
F4D28VDC RIGHT MAIN UGD DJ AAAAAAAAAA
F4R28VDC RIGHT MAIN UGD DJ AAAAAAAAAA
F4C 28VDC RIGHT MAIN UGD FM AAAAAAAAAA
F4D 28VDC RIGHT MAIN UGD EM AAAAAAAAAA
F4R 28VDC RIGHT MAIN UGD LM AAAAAAAAAA
F4D UGD FAX AAAAAAAAAA
F4R UGD FAX AAAAAAAAAA
F4C 28 VDC RIGHT MAIN BUS UGD FRM AAAAAAAAAA
F4D 28 VDC RIGHT MAIN BUS UGD FRM AAAAAAAAAA
F4R 28 VDC RIGHT MAIN BUS UGD FRM AAAAAAAAAA
F4C 28 VDC RIGHT MAIN BUS UGD FDG AAAAAAAAAA
F4D 28 VDC RIGHT MAIN BUS UGD FDG AAAAAAAAAA
F4R 28 VDC RIGHT MAIN BUS UGD FDG AAAAAAAAAA
F4C 28 VDC RIGHT MAIN BUS UGD FEBN AAAAAAAAAA
F4D 28 VDC RIGHT MAIN BUS UGD FEBN AAAAAAAAAA
F4R 28 VDC RIGHT MAIN BUS UGD FEBN AAAAAAAAAA
F4C 28 VDC RIGHT MAIN BUS UGD FFK AAAAAAAAAA
F4D 28 VDC RIGHT MAIN BUS UGD FFK AAAAAAAAAA
F4R 28 VDC RIGHT MAIN BUS UGD FFK AAAAAAAAAA
F4C 28VDC RIGHT MAIN UGD GDCR AAAAAAAAAA
F4D 28VDC RIGHT MAIN UGD GDCR AAAAAAAAAA
F4R 28VDC RIGHT MAIN UGD GDCR AAAAAAAAAA
F4C RIGHT MAIN 28VAC UGD LURDC AAAAAAAAAA
F4D RIGHT MAIN 28VAC UGD LURDC AAAAAAAAAA
F4R RIGHT MAIN 28VAC UGD LURDC AAAAAAAAAA
F4CRH28V DC UGD MDA AAAAAAAAAA
F4D RH28V DC UGD MDA AAAAAAAAAA

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1234567890123456789012345678901234567890123456789012345678901234567890
F4C RIGHT MAIN 28V DC          UGD          MEC          AAAAAAAAAA
F4E RIGHT MAIN 28V DC          UGD          MEC          AAAAAAAAAA
F4K RIGHT MAIN 28V DC          UGD          MEC          AAAAAAAAAA
F4L RIGHT MAIN 28V DC          UGD          MGC          00000000
F4M RIGHT MAIN 28V DC          UGD          MGC          00000000
F4N RIGHT MAIN 28V DC          UGD          MRBA          AAAAAAAAAA
F4O RIGHT MAIN 28V DC          UGD          MRBA          AAAAAAAAAA
F4P RIGHT MAIN 28V DC          UGD          MRBA          11111111
F4Q 28VDC RIGHT MAIN          UGD          UGH          AAAAAAAAAA
F4R 28VDC RIGHT MAIN          UGD          UGH          AAAAAAAAAA
F4S BATTERY                    UGE          DN           AAAAAAAAAA
F4T BATTERY BUS                UGF          EH           AAAAAAAAAA
F4U BATTERY                    UGE          UGB          K UGB       AAAAAAAAAA
F4V BATTERY                    UGE          UGC          K UGB       AAAAAAAAAA
F4W BATTERY                    UGF          UGC          K UGB       AAAAAAAAAA
F4X BATTERY                    UGE          UGC          K UGB       AAAAAAAAAA
F4Y BATTERY NICKLE CADMIUM     42330    UGEA         UGF          A          AAAAAAAAAA
F4Z NORMAL DC POWER            UGF          UGA          AAAAAAAAAA
F40 NORMAL DC POWER            UGF          UGA          AAAAAAAAAA
F41 NORMAL DC POWER            UGF          UGA          AAAAAAAAAA
F42 NORMAL DC POWER            UGF          UGB          11111111
F43 NORMAL DC POWER            UGF          UGB          11111111
F44 NORMAL DC POWER            UGF          UGB          11111111
F45 NORMAL DC POWER            UGF          UGD          AAAAAAAAAA
F46 NORMAL DC POWER            UGF          UGD          AAAAAAAAAA
F47 NORMAL DC POWER            UGF          UGD          AAAAAAAAAA
F48 EMERGENCY DC POWER         UGG          UGB          K UGF       AAAAAAAAAA
F49 EMERGENCY DC POWER         UGG          UGB          K UGF       AAAAAAAAAA
F4A EMERGENCY DC POWER         UGG          UGB          K UGF       AAAAAAAAAA
F4B ARM 28V DC                 UGH          MDA          AAAAAAAAAA
F4C ARM 28V DC                 UGH          MDA          AAAAAAAAAA
F4D ARM 28V DC                 UGH          MDA          AAAAAAAAAA
F4E ARM 28V DC                 UGH          MGD          00000000
F4F ARM 28V DC                 UGH          MGD          00000000
F4G ARM 28V DC                 UGH          MGD          00000000
F4H ARMAMENT 28V DC           UGH          MTA          AAAAAAAAAA
F4I ARMAMENT 28V DC           UGH          MTA          AAAAAAAAAA
F4J ARMAMENT 28V DC           UGH          MTA          AAAAAAAAAA
F4K RECON 28VDC               UGJ          CZT          AAAAAAAAAA
F4L RECON 28V DC              UGJ          MPA          AAAAAAAAAA
F4M RECON 28V DC              UGJ          MRBA          AAAAAAAAAA
F4N RECTIFIED POWER           UGK          MRC          AAAAAAAAAA
F4O MAIN BUS CONTROL 28VDC     UGK          UGB          11111111
F4P MAIN 28 VDC               UGL          UGL          AAAAAAAAAA
F4Q 28VDC MAIN                UGL          BFF          AAAAAAAAAA
F4R 28VDC MAIN                UGL          CZAA         AAAAAAAAAA
F4S 28VDC MAIN                UGL          CZB          AAAAAAAAAA
F4T 28VDC MAIN                UGL          UGF          AAAAAAAAAA
F4U 28 VDC MAIN               UGL          EY           AAAAAAAAAA
F4V                          UGL          FAX          AAAAAAAAAA

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F4E MAIN 28VDC	UGL	FPE	AAAAAAAAAA
F4E MAIN 28VDC	UGL	FCU	AAAAAAAAAA
F4E MAIN 28VDC	UGL	FDD	AAAAAAAAAA
F4E MAIN 28VDC	UGL	FEBN	AAAAAAAAAA
F4E MAIN 28VDC	UGL	FFK	AAAAAAAAAA
F4E MAIN 28VDC	UGL	GASS	AAAAAAAAAA
F4E MAIN 28VDC	UGL	GBAD	AAAAAAAAAA
F4E MAIN 28VDC	UGL	LURDC	AAAAAAAAAA
F4E MAIN 28VDC	UGL	MJA	AAAAAAAAAA
F4E MAIN 28VDC	UGL	MDGJ	FAAAAAAAAA
F4E MAIN 28VDC	UGL	MDCL	FAAAAAAAAA
F4E MAIN 28VDC	UGL	MDCM	FAAAAAAAAA
F4E MAIN 28VDC	UGL	MDCN	FAAAAAAAAA
F4E MAIN 28VDC	UGL	MEC	AAAAAAAAAA
F4E MAIN 28VDC	UGL	MGD	00000000
F4E MAIN 28VDC	UGL	MRBA	AAAAAAAAAA
F4E MAIN 28VDC	UGL	MT	AAAAAAAAAA
F4E MAIN 28VDC	UGL	UF8	AAAAAAAAAA
F4E MAIN 28VDC	UGL	UGH	AAAAAAAAAA
F4E MAIN 28VDC	UJA	FFAA	FAAAAAAAAA
F4E MACH NO. ANALOG OUTPUT	UJA	UJX	AAAAAAAAAA
F4E MACH NO. ANALOG OUTPUT	UJA	UJY	AAAAAAAAAA
F4E MACH NO. ANALOG OUTPUT	UJA	UJY	AAAAAAAAAA
F4E MACH NO. ANALOG OUTPUT	UJA	UJY	AAAAAAAAAA
F4E MACH NO. ANALOG OUTPUT	UJA	UJY	AAAAAAAAAA
F4E ANGLE OF ATTACK INPUT	UJAA	UJY	AAAAAAAAAA
F4E ANGLE OF ATTACK INPUT	UJAA	UJY	AAAAAAAAAA
F4E ANGLE OF ATTACK INPUT	UJAA	UJY	AAAAAAAAAA
F4E ANGLE OF ATTACK XMITTER	5138C UJAAZ	UJAA	A
F4E ANGLE OF ATTACK XMITTER	5138D UJAAZ	UJAA	A
F4E ANGLE OF ATTACK XMITTER	5138E UJAAZ	UJAA	A
F4E MACH SECTOR CAM MODULE	5138F UJAX	UJA	A
F4E MACH SECTOR CAM MODULE	5138F UJAXXV	UJA	A
F4E MACH SECTOR CAM MODULE	5138F UJAXXW	UJA	A
F4E MACH SECTOR CAM MODULE	5138F UJAXXX	UJA	A
F4E MACH SECTOR CAM MODULE	5138F UJAXXY	UJA	A
F4E MACH SECTOR CAM MODULE	5138F UJAXXZ	UJA	A
F4E MACH SECTOR CAM MODULE	5138F UJAXZ	UJA	A
F4E MACH SECTOR CAM MODULE	5138F UJAY	UJA	A
F4E MACH SECTOR CAM MODULE	5138F UJAZ	UJA	A
F4E MACH HOLD SERVO ASSY	5138J UJAZZW	UJA	A
F4E MACH SECTOR CAM MODULE	5138J UJAZZX	UJA	A
F4E MACH SECTOR CAM MODULE	5138J UJAZZY	UJA	A
F4E MACH SECTOR CAM MODULE	5138J UJAZZZ	UJA	A
F4E TOTAL TEMP SENSE & XMITTED	UJB	UJA	FAAAAAAAAA
F4E TOTAL TEMP SENSE & XMITTED	UJB	UJX	55555555
F4E F.R. TEMPERATURE XMITR	5138C UJBZ	UJB	A
F4E MECHANICAL ANALOG CONVERT	UJC	FFAA	FAAAAAAAAA
F4E MECHANICAL ANALOG CONVERT	UJC	UJA	AAAAAAAAAA
F4E MECHANICAL ANALOG CONVERT	UJC	UJW	FAAAAAAAAA
F4E MECHANICAL ANALOG CONVERT	UJC	UJZ	FAAAAAAAAA

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FLIGHT SAFETY PREDICTION TECHNIQUE

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F4	PRESSURE RATIO OUTPUT		UJCA	UJC	555555555
F4C	PRESSURE RATIO AMPLIFIER	513JH	UJCAC	UJCA	5
F4C	PRESSURE RATIO AMPLIFIER	513UH	UJCAD	UJCA	5
F4C	PRESSURE RATIO AMPLIFIER	513VH	UJCAE	UJCA	5
F4C	PRESSURE RATIO XDUCEK	513VC	UJCAF	UJCA	8
F4C	PRESSURE RATIO AMPLIFIER	513CH	UJCAG	UJCA	5
F4C	PRESSURE RATIO AMPLIFIER	513SH	UJCAH	UJCA	5
F4C	PRESSURE RATIO AMPLIFIER	513TH	UJCAJ	UJCA	5
F4C	PRESSURE RATIO AMPLIFIER	513UH	UJCAK	UJCA	5
F4C	PRESSURE RATIO AMPLIFIER	513VH	UJCAL	UJCA	5
F4C	MOTOR GENERATOR	513JN	UJCAMW	UJX	7
F4C	MOTOR GENERATOR	513JN	UJCAMX	UJX	7
F4C	MOTOR GENERATOR	513JN	UJCAMY	UJDR	7
F4C	MOTOR GENERATOR	513JN	UJCAMZ	UJCA	7
F4R	PRESSURE RATIO AMPLIFIER	513SH	UJCAU	UJCA	5
F4R	PRESSURE RATIO AMPLIFIER	513LH	UJCAV	UJCA	5
F4R	PRESSURE RATIO AMPLIFIER	513GH	UJCAW	UJCA	5
F4R	PRESSURE RATIO XDUCEK	513SC	UJCAK	UJCA	8
F4C	PRESSURE RATIO XDUCEK	513VC	UJCAXXV	UJCA	8
F4C	PRESSURE RATIO XDUCEK	513UC	UJCAXXW	UJCA	8
F4C	PRESSURE RATIO XDUCEK	513TC	UJCAXXX	UJCA	8
F4C	PRESSURE RATIO XDUCEK	513QC	UJCAXXZ	UJCA	8
F4E	PRESSURE RATIO AMPLIFIER	513HH	UJCAXY	UJCA	5
F4E	PRESSURE RATIO XDUCEK	513HC	UJCAXZ	UJCA	8
F4R	PRESSURE RATIO XDUCEK	513LC	UJCAV	UJCA	8
F4R	PRESSURE RATIO XDUCEK	513GC	UJCAZ	UJA	8
F4C	PRESSURE RATIO XDUCEK	513UC	UJCAZZX	UJCA	8
F4C	PRESSURE RATIO XDUCEK	513SC	UJCAZZY	UJCA	8
F4C	PRESSURE RATIO XDUCEK	513JC	UJCAZZZ	UJCA	8
F4C	LOG PRESSURE OUTPUT		UJCB	FFAA	111111111
F4C	LOG PRESSURE OUTPUT		UJCB	FFAA	F11111111
F4E	LOG PRESSURE OUTPUT		UJCB	FFAA	F11111111
F4R	LOG PRESSURE OUTPUT		UJCB	FFAA	F11111111
F4C	LOG PRESSURE OUTPUT		UJCB	UJC	555555555
F4E	LOG PRESSURE OUTPUT		UJCB	UJC	555555555
F4R	LOG PRESSURE OUTPUT		UJCB	UJC	555555555
F4C	LOG PRESSURE OUTPUT		UJCB	UJQ	222222222
F4E	LOG PRESSURE OUTPUT		UJCB	UJQ	222222222
F4R	LOG PRESSURE OUTPUT		UJCB	UJQ	222222222
F4C	LOG PRESSURE CONTROLLER	513JD	UJCBL	UJCB	7
F4C	LOG PRESSURE CONTROLLER	513UD	UJCBM	UJCB	7
F4C	LOG PRESSURE CONTROLLER	513VD	UJCBN	UJCB	7
F4C	LOG PRESS MONTR AMPLIFIER	513QH	UJCBP	UJCB	5
F4C	LOG PRESS MONTR AMPLIFIER	513SH	UJCBQ	UJCB	5
F4C	LOG PRESS MONTR AMPLIFIER	513TH	UJCBR	UJCB	5
F4C	LOG PRESS MONTR AMPLIFIER	513UH	UJCBS	UJCB	5
F4C	LOG PRESS MONTR AMPLIFIER	513VH	UJCBT	UJCB	5
F4R	LOG PRESS MON AMP	523SH	UJCBU	UJCB	5
F4R	LOG PRESS MONTR AMPLIFIER	513LH	UJCBV	UJCB	5
F4R	LOG PRESS MONTR AMPLIFIER	513GH	UJCBW	UJCB	5

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F48	LOG PRESSURE CONTROLLER	512SL	UJCBX	UJCB	7
F40	LOG PRESSURE CONTROLLER	513VD	UJCBXXV	UJCB	7
F40	LOG PRESSURE CONTROLLER	513UD	UJCBXXW	UJCB	7
F40	LOG PRESSURE CONTROLLER	512TD	UJCBXXX	UJCB	7
F40	LOG PRESSURE CONTROLLER	513SD	UJCBXXY	UJCB	7
F40	LOG PRESSURE CONTROLLER	513CD	UJCBXXZ	UJCB	7
F48	LOG PRESS MONTR AMPLIFIER	513PH	UJCHXY	UJCB	5
F48	LOG PRESSURE CONTROLLER	513HD	UJCHXZ	UJCB	7
F48	LOG PRESSURE CONTROLLER	513LD	UJCBY	UJCB	7
F48	LOG PRESSURE CONTROLLER	513GD	UJCBZ	UJCB	7
F40	MOTOR GENERATOR	513JN	UJCBZZW	UJCB	7
F40	LOG PRESS MONTR AMPLIFIER	513VH	UJCBZZX	UJCB	5
F40	LOG PRESS MONTR AMPLIFIER	513UH	UJCBZZY	UJCB	5
F40	LOG PRESS MONTR AMPLIFIER	513JH	UJCBZZZ	UJCB	5
F40	COMPUTER GEARBOX	513SG	UJCX	UJC	A
F40	COMPUTER GEARBOX	513VC	UJCXXV	UJC	A
F40	COMPUTER GEARBOX	513UG	UJCXXW	UJC	A
F40	COMPUTER GEARBOX	513TG	UJCXXX	UJC	A
F40	COMPUTER GEARBOX	513SG	UJCXXY	UJC	A
F40	COMPUTER GEARBOX	513UG	UJCXXZ	UJC	A
F40	COMPUTER GEARBOX	513HG	UJCXZ	UJC	A
F48	COMPUTER GEARBOX	513LG	UJCY	UJC	A
F48	COMPUTER GEARBOX	513CG	UJCZ	UJC	A
F40	COMPUTER GEARBOX	513VG	UJCZZX	UJC	A
F40	COMPUTER GEARBOX	513UG	UJCZZY	UJC	A
F40	COMPUTER GEARBOX	513JG	UJCZZZ	UJC	A
F4	STATIC PRESSURE DISTRIBUTED	UJD	DBAA		SAAAAAAAAA
F4	STATIC PRESSURE DIST	UJD	DBBB		11111111
F4	STATIC PRESSURE DIST	UJD	DBD	K UJZ	AAAAAAAAA
F4	STATIC PRESSURE DISTRIBUTED	UJD	UJC		SAAAAAAAAA
F4	STATIC PRESSURE DISTRIBUTED	UJD	UJCA		FAAAAAAAAAA
F4	STATIC PRESSURE DISTRIBUTED	UJD	UJCB		FAAAAAAAAAA
F4	STATIC PRESSURE DISTRIBUTED	UJD	UJHA		F55555555
F40	UNCOMPENSATED PRESSURE	UJDA	UJD	UJDB	11111111
F40	UNCOMPENSATED PRESSURE	UJDA	UJD	UJDB	11111111
F40	UNCOMPENSATED PRESSURE	UJDA	UJD	UJDB	11111111
F40	UNCOMPENSATED PRESSURE	UJDA	UJD	UJDB	AAAAAAAAA
F40	COMPENSATED STATIC PRESSR	UJDB	UJD	UJDA	11111111
F40	COMPENSATED STATIC PRESSR	UJDB	UJD	UJDA	11111111
F48	COMPENSATED STATIC PRESSR	UJDB	UJD	UJDA	11111111
F40	COMPENSATED STATIC PRESSR	UJDB	UJD		00000000
F4	COMPENSATED STATIC PRESSURE	UJDB	UJD		F11111111
F48	STATIC PRESS COMPENSATR	513SB	UJDBX	UJDB	8
F40	STATIC PRESS COMPENSATOR	513VB	UJDBXXV	UJDB	8
F40	STATIC PRESS COMPENSATOR	513UB	UJDBXXW	UJDB	8
F40	STATIC PRESS COMPENSATOR	513TB	UJDBXXX	UJDB	8
F40	STATIC PRESS COMPENSATOR	513SB	UJDBXXY	UJDB	3
F40	STATIC PRESS COMPENSATOR	513GB	UJDBXXZ	UJDB	9
F48	STATIC PRESS COMPENSATOR	513LB	UJDBXZ	UJDB	9
F48	STATIC PRESS COMPENSATR	513LB	UJDBY	UJDB	8

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FLIGHT SAFETY PREDICTION TECHNIQUE

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F4R	STATIC PRESS COMPNSATR	513GB	UJOBZ	UJDB	8
F4C	STATIC PRESSURE COMPNSATR	513VB	UJOBZZX	UJDB	8
F4C	STATIC PRESSURE COMPNSATR	513UB	UJOBZZY	UJDB	8
F4C	STATIC PRESSURE COMPNSATR	513JB	UJOBZZZ	UJDB	8
F4	STATIC PRESSURE MANIFILD	9951A	UJDW	UJD	A
F4R	BASE AIR DATA COMPUTER	513SA	UJDX	UJD	8
F4D	BASE AIR DATA COMPUTER	513VA	UJDXV	UJD	8
F4D	BASE AIR DATA COMPUTER	513UA	UJDXW	UJD	8
F4D	BASE AIR DATA COMPUTER	513TA	UJDXX	UJD	8
F4D	BASE AIR DATA COMPUTER	513SA	UJXXY	UJD	8
F4D	BASE AIR DATA COMPUTER	513QA	UJXXZ	UJD	8
F4E	BASE AIR DATA COMPUTER	513HA	UJDXZ	UJD	8
F4R	BASE AIR DATA COMPUTER	513LA	UJDY	UJD	8
F4R	BASE AIR DATA COMPUTER	513GA	UJDZ	UJD	8
F4C	PNEUMATIC RECEPTACLE	513JM	UJZZW	UJD	8
F4C	BASE AIR DATA COMPUTER	513VA	UJZZX	UJD	A
F4C	BASE AIR DATA COMPUTER	513UA	UJZZY	UJD	A
F4C	BASE AIR DATA COMPUTER	513JA	UJZZZ	UJD	A
F4	STATIC PRESSURE SENSED		UJE	UJD	SAAAAAAAAA
F4	STATIC PRESSURE SENSED		UJE	UJDA	FAAAAAAAAA
F4	STATIC PRESSURE SENSED		UJE	UJDB	FAAAAAAAAA
F4	PITOT STATIC TUBE	511CA	UJEZ	UJE	A
F4	PRESSURE REG LT AMBIENT		UJF	UJDB	33333333
F4C	EJECTOR ASSEMBLY	513JK	UJFY	UJF	5
F4	JET EJECTOR	9951B	UJFZ	UJF	8
F4	PRESSURE REG GT AMBIENT		UJG	UJDB	33333333
F4R	PRESSUR REGULATOR	513SJ	UJGX	UJG	8
F4D	PRESSURE REGULATOR	513VJ	UJGXXV	UJG	8
F4D	PRESSURE REGULATOR	513UJ	UJGXXW	UJG	8
F4D	PRESSURE REGULATOR	513TJ	UJGXXX	UJG	8
F4D	PRESSURE REGULATOR	513SJ	UJGXXY	UJG	8
F4D	PRESSURE REGULATOR	513QJ	UJGXXZ	UJG	8
F4E	PRESSURE REGULATOR	513HJ	UJGXZ	UJG	8
F4R	PRESSUR REGULATOR	513LJ	UJGY	UJG	8
F4R	PRESSUR REGULATOR	513GJ	UJGZ	UJG	8
F4C	PRESSURE REGULATOR	513VJ	UJGZZX	UJG	8
F4C	PRESSURE REGULATOR	513UJ	UJGZZY	UJG	8
F4C	PRESSURE REGULATOR	513JJ	UJGZZZ	UJG	8
F4C	STATIC PRESS SOURCE CONT.		UJH	UJD	AAAAAAAA
F4D	STATIC PRESS SOURCE CONT.		UJH	UJD	AAAAAAAA
F4E	STATIC PRESS SOURCE CONT.		UJH	UJD	AAAAAAAA
F4R	STATIC PRESS SOURCE CONT.		UJH	UJD	00000000
F4	AUTO FAIL SAFE CONTROL		UJHA	UJH	11111111
F4	AUTO FAIL SAFE CONTROL		UJHA	UJHC	FAAAAAAAAA
F4R	SPC FAIL AMP SENSOR	513SH	UJHAX	UJHA	7
F4D	SPC FAIL AMP + SENSOR	513VH	UJHAXV	UJHA	7
F4D	SPC FAIL AMP + SENSOR	513UH	UJHAXW	UJHA	7
F4D	SPC FAIL AMP + SENSOR	513TH	UJHAXX	UJHA	7
F4D	SPC FAIL AMP + SENSOR	513SH	UJHAXY	UJHA	7
F4D	SPC FAIL AMP + SENSOR	513QH	UJHAXZ	UJHA	7

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FLIGHT SAFETY PREDICTION TECHNIQUE

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F4F SPC FAIL AMP& SENSOR 513HH UJHAXZ UJHA 7
F4F SPC FAIL AMP SENSOR 513LH UJHAY UJHA 7
F4R SPC FAIL AMP SENSOR 513CH UJHAZ UJHA 7
F4C SPC FAIL AMP + SENSOR 513VH UJHAZZX UJHA 7
F4C SPC FAIL AMP + SENSOR 513UH UJHAZZY UJHA 7
F4C SPC FAIL AMP + SENSOR 513JH UJHAZZZ UJHA 7
F4 MANUAL MODE SELECT UJHR 222222222
F+ CABO CONTROL SWITCH 9951C UJHBZ UJHB 5
F4 PILOT ACTION UJHC UJHB AAAAAAAAAA
F4 74 VDC POWER SUPPLIED UJJ FFAA AAAAAAAAAA
F4 74 VDC POWER SUPPLIED UJJ UJHA AAAAAAAAAA
F4 115 VAC 3 0 POWER DIST UJJA UJJ AAAAAAAAAA
F4 115 VAC 3 0 POWER DIST UJJA UJL AAAAAAAAAA
F4D 115 VAC 3 0 POWER DIST UJJA UJQ FAAAAAAAAA
F4F 115 VAC 3 0 POWER DIST UJJA UJQ FAAAAAAAAA
F4R 115 VAC 3 0 POWER DIST UJJA UJQ FAAAAAAAAA
F4C 60112 VAC POWER SUPPLIED UJK UJY AAAAAAAAAA
F4D 60112 VAC POWER SUPPLIED UJK UJY AAAAAAAAAA
F4E 60112 VAC POWER SUPPLIED UJK UJY AAAAAAAAAA
F4C 30 VAC POWER DISTR. UJKA UJK AAAAAAAAAA
F4D 30 VAC POWER DISTR. UJKA UJK AAAAAAAAAA
F4F 30 VAC POWER DISTR. UJKA UJK AAAAAAAAAA
F4 115 VAC PHASE A POWER DIST UJL UJCA FAAAAAAAAA
F4 115 VAC PHASE A POWER DIST UJL UJCB FAAAAAAAAA
F4 115 VAC PHASE A POWER DIST UJL UJDB FAAAAAAAAA
F4 115 VAC PHASE A POWER DIST UJL UJLA AAAAAAAAAA
F4 115 VAC PHASE A POWER DIST UJL UJLB FAAAAAAAAA
F4 15/5 VAC POWER SUPPLIED UJLA UJA AAAAAAAAAA
F4 15/5 VAC POWER SUPPLIED UJLA UJB FAAAAAAAAA
F4 26/9 VAC POWER SUPPLIED UJLB UJCB FAAAAAAAAA
F4 26/9 VAC POWER SUPPLIED UJLB UJD AAAAAAAAAA
F4 28 VDC DISTRIBUTED UJP UJDB FAAAAAAAAA
F4 28 VDC DISTRIBUTED UJP UJH AAAAAAAAAA
F4 28 VDC DISTRIBUTED UJP UJHA FAAAAAAAAA
F4D 28 VDC DISTRIBUTED UJP UJQ FAAAAAAAAA
F4E 28 VDC DISTRIBUTED UJP UJQ FAAAAAAAAA
F4R 28 VDC DISTRIBUTED UJP UJQ FAAAAAAAAA
F4D ALTITUDE ENCODED UJQ CX 222222222
F4D ALTITUDE ENCODED UJQ DBAA 222222222
F4E ALTITUDE ENCODED UJQ DBAB 222222222
F4D NETWORK BRACKET ASSY 513XJ UJQU 0
F4E NETWORK BRACKET ASSY 513XJ UJQU 0
F4R NETWORK BRACKET ASSY 513XJ UJQU 0
F4D ENCODER DIFFERENTIAL 513XG UJQV 5
F4E ENCODER DIFFERENTIAL 513XG UJQV 5
F4R ENCODER DIFFERENTIAL 513XG UJQV 5
F4D SPEED DECREASE GEAR ASSY 513XF UJQW 8
F4E SPEED DECREASE GEAR ASSY 513XF UJQW 8
F4R SPEED DECREASE GEAR ASSY 513XF UJQW 8
F4D SYNCHRO TACH GENERATOR 513XF UJQX 8

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F4F	SYNCHRO TACH GENERATOR	513XF	UJQX	UJQ	8
F4F	SYNCHRO TACH GENERATOR	513XF	UJQX	UJQ	8
F4D	ENCODER AMPLITUDE REPRTNG	513XC	UJQY	UJQ	A
F4E	ENCODER AMPLITUDE REPRTNG	513XC	UJQY	UJQ	A
F4R	ENCODER AMPLITUDE REPRTNG	513XC	UJQY	UJQ	A
F4D	SYNCHRO CONTROL XFORMER	513XA	UJQZ	UJQ	A
F4F	SYNCHRO CONTROL XFORMER	513XA	UJQZ	UJQ	A
F4R	SYNCHRO CONTROL XFORMER	513XA	UJQZ	UJQ	A
F4	BELLMOUTH BYPASS SIGNAL		UJW	LBKRC	22222222
F4	BELLMOUTH BYPASS SIGNAL		UJW	RBKRC	22222222
F4	TRUE AIR SPD/TOTAL TEMP		UJX	RLD	55555555
F4	TRUE AIR SPD/TOTAL TEMP		UJX	CZD	55555555
F4R	TRUE AIR SPD/TOTAL TEMP		UJX	CZT	AAAAAAAAAA
F4	TRUE AIR SPD/TOTAL TEMP		UJX	DRBA	AAAAAAAAAA
F4	TRUE AIR SPD/TOTAL TEMP		UJX	DCP	AAAAAAAAAA
F4C	TAS/TOTAL TEMP OUTPUT AIR D		UJX	MDCJ	11111111
F4D	TAS/TOTAL TEMP OUTPUT AIR D		UJX	MDCJ	11111111
F4E	TAS/TOTAL TEMP OUTPUT AIR D		UJX	MDCJ	11111111
F4R	AIR DATA INPUT		UJX	MRE	AAAAAAAAAA
F4R	TOTAL TEMP / TAS SERVO	513SF	UJXX	UJX	A
F4D	TOTAL TEMP / TAS SERVO	513VF	UJXXXV	UJX	A
F4D	TOTAL TEMP / TAS SERVO	513VF	UJXXXW	UJX	A
F4D	TOTAL TEMP / TAS SERVO	513TF	UJXXXX	UJX	A
F4D	TOTAL TEMP / TAS SERVO	513SF	UJXXXV	UJX	A
F4D	TOTAL TEMP / TAS SERVO	513GF	UJXXXZ	UJX	A
F4E	TOTAL TEMP / TAS SERVO	513HF	UJXXZ	UJX	A
F4R	TOTAL TEMP / TAS SERVO	513LF	UJXY	UJX	A
F4R	TOTAL TEMP / TAS SERVO	513GF	UJXZ	UJX	A
F4C	TOTAL TEMP / TAS SERVO	513VF	UJXZZX	UJX	A
F4C	TOTAL TEMP / TAS SERVO	513VF	UJXZZY	UJX	A
F4C	TOTAL TEMP / TAS SERVO	513JF	UJXZZZ	UJX	A
F4C	TRUE AOA FRM AIR DATA COMP		UJY	MDCJ	11111111
F4D	TRUE AOA FRM AIR DATA COMP		UJY	MDCJ	11111111
F4E	TRUE AOA FRM AIR DATA COMP		UJY	MDCJ	11111111
F4D	TRUE AOA FRM AIR DATA COMP		UJY	MDCL	F11111111
F4E	TRUE AOA FRM AIR DATA COMP		UJY	MDCL	F11111111
F4C	ANGLE OF ATTACK OUTPUT		UJY	UJDB	FAAAAAAAAA
F4D	ANGLE OF ATTACK OUTPUT		UJY	UJDB	FAAAAAAAAA
F4E	ANGLE OF ATTACK OUTPUT		UJY	UJDB	FAAAAAAAAA
F4	CORRECTED ALT DATA DIST		UJZ	CZD	55555555
F4	CORRECTED ALT DATA DIST		UJZ	DBAA	FAAAAAAAAA
F4	CORRECTED ALTITUDE DIST		UJZ	DBD	F11111111

CARD COUNT IS 00007341. CARDS WITH ERRORS 00000000